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WATER LILIES

SUNRISE

CONQUEROR

SUPERB DUET—These two Hardy Lilies bear abundant blooms of immense size and gorgeous color contrast. For strong, vigorous growth and ease of culture they are in truth a "superb duet."

In collection, \$4.80

EVERGREENS



1935

ORNAMENTAL
FISHES

.... Conditions of Sales

HOOSIER AQUATIC GARDENS

HARDY AND TENDER
WATERLILIES

P. O. BOX M

MARTINSVILLE, INDIANA

AQUATICS, GOLDFISH,
AQUARIUMS AND SUPPLIES

A SUPERIOR, CONVENIENT SERVICE:

Many more articles and a greatly improved service are offered to our customers for 1935 in this new and improved catalog of our services.

Notice especially that all articles described herein excepting only evergreens will be shipped from MARTINSVILLE, Indiana, or SADDLE RIVER, New Jersey, or HAMILTON, Ontario, Canada -- whichever will prove most economical to our customer.

It will always be a pleasure to assist our customers in every way to obtain the finest results from all articles supplied by us. We solicit your inquiries for help or information as earnestly as your orders, assuring you of our careful attention to both.

Cordially yours,

HOOSIER AQUATIC GARDENS

S. H. Byram
S. H. Byram

CCIA A 171963

APR 19 1935

ENCLOSED with this catalog are convenient order blanks which will assist you in obtaining prompt and correct shipments of any Water Plants, Ornamental Fish or other supplies you may desire.

We wish to render a service to you of the same high quality as the plants or other supplies you will receive from us. Your assistance is needed to the extent of reading the necessary terms and conditions following, and supplying with your order all the information required to enable us to fill your order properly.

TERMS: Please send funds sufficient to cover price of goods ordered, 50 cents for shipping can when fish are included with the order and postage charges to the amount of 10 per cent. of your order when shipment is requested by parcel post.

Orders of \$2.00 or less require 25 cents for packing and postage, and this amount must be added to the value of the items ordered. Unless the 25 cents minimum or 10 per cent. for parcel post charges is included, shipments will be made by express, charges collect.

Orders for Tropical Fish shipped between September 1 and May 31 must include deposit of \$2.00, which will be refunded by us upon prepaid return by express (charges 20c) of special cans. Rest of year, 50c added to your order for non-returnable can. Payment may be made by check, draft, Post Office money order, Express money order. When cash is sent the letter should be registered. We do not ship C. O. D. Order early. Orders are shipped at the proper planting time for your locality in the order received. Early ordering will insure prompt delivery as soon as your planting season begins.

CANADIAN CUSTOMERS may order any goods in this catalog except evergreens direct from Domin-

ion Goldfish Company, Ltd., Corner York and Queen Streets, Hamilton, Ontario, Canada, at prices 25 per cent. higher than those quoted in this catalog, and the savings in import duties and transportation will make these prices a very fine value. Any shipments to Canadian Customers from our United States points require the customer to obtain a permit to import from the Destructive Insect and Pest Act Advising Board, Department of Agriculture, Ottawa. Send us the permit number only for such shipments. The permit is to be retained by purchaser.

FORWARDING: We prefer to ship Express Collect. All fish ordered must go by express.

Aquariums, stands, gravel and fertilizers must be shipped by express. All other items will be shipped by Parcel Post if specifically requested by the customer and postage (see Terms) is prepaid to us before mailing.

CLAIMS: Inspect your order before express agent leaves. If shipment is not in good condition, have him make out a bad order Report No. 679 and return it to us at once. All claims or complaints must be made within 10 days of accepting goods. We reserve the right to replace any merchandise considered unsatisfactory. We do not assume responsibility for goods after receipt in good condition. Due to conditions over which we have no control, unfavorable weather or soil, improper planting, etc., we cannot guarantee success after planting.

ERRORS: Experienced packers handle all your orders. In the press of business, however, errors may occur. In such case we wish to be promptly informed of the fact, that we may make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

NAME and ADDRESS: Please write on each order your Name, Post Office, County, and State, Street, P. O. Box or R. F. D. Route; your nearest Express Office.

AN OFFER FOR PHOTOGRAPHS

Send us a photograph of your Water Garden (Pool, Tub-Garden, or Pond). We are interested in the success you have made of water gardening. Others doubtless are, too. To all sending us photographs found suitable for display either in our catalogs or other advertising matter, we shall be pleased to present one of the best Blue or Pink Tropical Water Lilies.

A Beautiful Colored Film in Natural Color

clubs or others which illustrates the beauties of Water Gardens and Water Lilies in full color with life-like reality. Detailed arrangements for use of this film made on request to Hoosier Aquatic Gardens, Martinsville, Ind.

WE OFFER FREE

the use of a beautiful motion-picture film (16 mm.) for garden

Water-Gardening Brings Beauty, Fragrance and Pleasure to Your Lawn

HOME BEAUTIFICATION gains more from Water Gardening, whether it be on an elaborate or a very simple scale, than from any other venture costing so little in money and effort. Whether you build a tiny Tub-Garden or a pretentious formal Pool, you can bring into your garden some of the gorgeous flowers and interesting aquatic life of lake and tropical waters.

The water gardener who properly plans his installation, and provides the simple cultural attention required, never has disappointing failures.

The beginner may well be somewhat bewildered at first when he glimpses the tremendous variety of plants and fishes from which he can make his selec-

tions. In this catalog we offer you practically the whole range of desirable Water Lilies and decorative Water Plants to be found from the arctic circle to the tropics, and capable of propagation within the United States and similar climates.

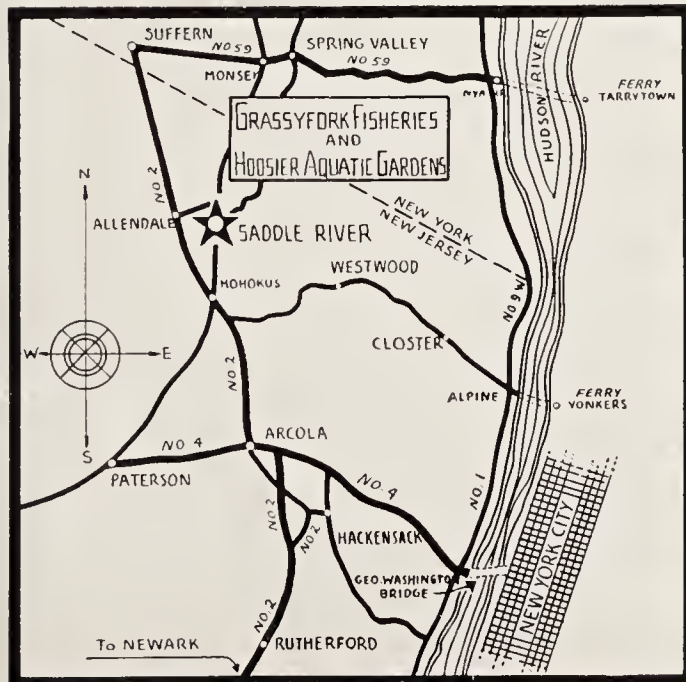
For this reason we suggest throughout the catalog certain Collections of Lilies which grow and bloom harmoniously. Some Collections include other dec-

orative Water Plants, some include border plants, and some Fish. Some Collections are special complete selections for a Pool. Some are for large Pools, some for the smallest.

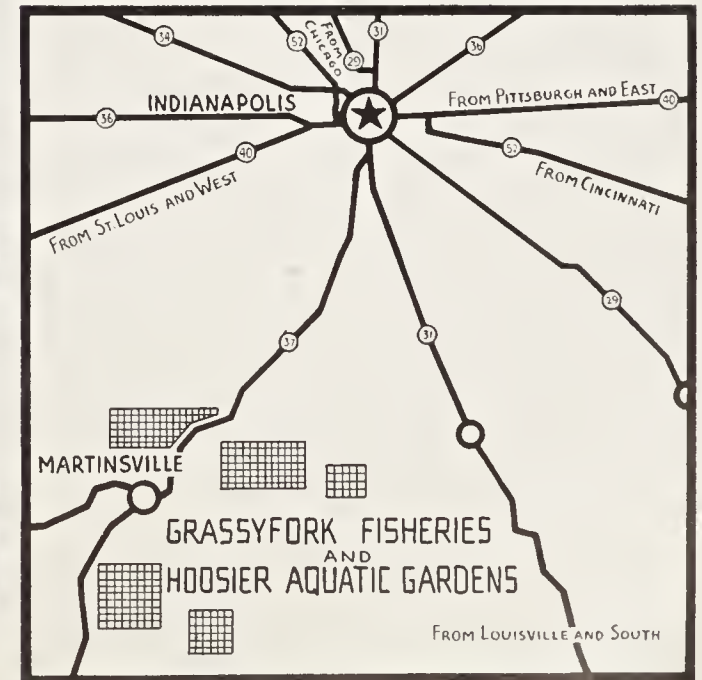
All these Collections are assortments of plants that produce pleasing results. We are certain you will be well pleased with any one that strikes your fancy. Some pages of this catalog are devoted to brief descriptions of the plants or other items listed in the various Collections we offer, and you will be able easily to find full descriptions of each item in any Collection. It is much better to add fresh stock each year than to continue plants from your own pool deteriorated in vigor due to their cramped quarters.

"The World's Largest Goldfish Hatcheries" and the noted Hoosier Aquatic Gardens are a short and pleasant journey from Indianapolis—"the cross-roads of the Nation." Visitors are welcome, and thousands yearly visit these attractive and enormous pools and gardens.

Just north of Saddle River, New Jersey, we maintain a large plant to serve retail sales for the huge metropolitan area. It is easily and conveniently reached from Greater New York and all territory suburban to the city.



Mona Barrie, the noted Fox Film player, delights in the splendid Lily Pool of her beautiful Hollywood home.



AURAL COLLECTION—Aurora flowers are amber-yellow the first day, red-orange the second, and a deep red the third, as this natural color photograph shows. Chrysantho, too, changes remarkably day after day, from a creamy yellow to a deep orange vermillion. Two varieties of semi-dwarf growing habit exceptionally suited to the small Pool or Tub-Garden. In Collection.....\$2.40

AURORA (first day)

CHRYSANTHA
AURORA (third day)



Water Gardening in Tiny Pools Enjoyment for Little

You can enjoy gorgeous Water Lilies in your garden with simple construction and planting plan.

IT IS EASY, economical and highly satisfactory to build a beautiful little Water Garden in and around a wooden tub. Though any good tub will serve we can supply a rot-resisting White Cedar tub with our Tub-Garden Collection of plants. Any nook or corner of the grounds—or even an apartment house roof—is suitable for a Tub-Garden provided only that it gets a little sunshine. Then there are the fish! A Tub-Garden can be made a most interesting little fish pond, not only for the commoner kinds but also for the most fancy varieties of Goldfish and all types of Toy Tropical Fishes. Even young fishes may be raised very successfully in a Tub-Garden.

Be sure to add a few Goldfish or Toy Tropicals to your Tub-Garden, not only for their attractiveness, but also for their practical value in destroying insect life in the Pool.

IT IS EASY TO MAKE A FINE TUB-GARDEN

The arrangement of the Tub-Garden is largely a matter of one's own taste. The tub may even be left exposed on the lawn or in the garden, but we recommend that an excavation be made large enough to contain the tub and sink it about six inches below ground level (see sketch above). Stones placed about the edges provide for planting hardy border perennials. When the tub is set fill about half full of good garden soil firmed well down, cover over with a one-inch layer of clean sand, and fill with water.

The Tub-Garden is ready now for planting. Press the Water Lily root well into the soil. Should there be a tendency for the root to float, weight with a flat stone until it has



A sunken tub will support a Water Lily and two or three other plants, and with a rock garden at its borders becomes a real beauty spot.

rooted in the new soil. However, if the soil is well firmed in the bottom of the tub before water is run in, roots will rarely float upon planting. Submerged Plants should be planted directly in the bottom of the tub; Floating Plants dropped on the surface of the water, and Shallow Water and Bog Plants planted directly in the bottom, or in pots which may be placed on top of the soil in the tub. After all planting is done, introduce the fish, snails, tadpoles, etc.

A Tub-Garden may always be increased in size and attractiveness by adding one, two or even more tubs pleasingly arranged to form quite an extensive yet comparatively inexpensive Water Garden.

Built in a Tub Will Yield Much Work and Expense

COMPLETE TUB-GARDEN COLLECTION \$4.50

- 1 *Water Lily*—Choice of Light Pink, Dark Pink, Red, Yellow, Blue or White, or Red and Yellow Changeable.
- 1 *White Cedar Tub*—2 ft. in diameter, 1 ft. deep, White Cedar staves, electrically welded hoops.
- 6 *Water Plants*—An assortment of Floating, Submerged and Shallow Water or Bog Plants for planting in the Tub.
- 6 *Perennial Plants*—Your choice of taller growing Perennials or Dwarf Rock Garden varieties.
- 1 *Pair Japanese Livebearing Snails*—To keep the water clear.
- 1 *Pair Goldfish*—Four to five inches; useful and ornamental.
- 1 *Fish Bucket*.

GOLDFISH, TROPICAL FISH AND SNAILS IN THE TUB-GARDEN

The Tub-Garden or Pool is an ideal summer home for the Fish and Snails in your aquarium. Being under more natural conditions, both Fish and Snails will greatly increase their numbers throughout the summer. Then, in the fall, the best specimens can be taken indoors to the aquarium and the poorer ones either left in the Tub or Pool or put in a tank in the basement.

Goldfish, Snails, and Toy Tropical Fish not only add that touch of motion to the Water Garden, but also serve a very useful purpose. The Goldfish and Toy Tropicals destroy any insect life in the Pool and the Snails aid in keeping the water pure and crystal clear. The Tub-Garden should not be without at least a few of each.

FISH FANCIERS

You will surely need a few extra tubs for those young fish you will raise this season. Why not get them now? Each.....

\$2

EXTRA TUBS

We can supply tubs similar to those offered in our complete Tub-Garden Collection—White Cedar, galvanized hoops electrically welded, 2 feet diameter, 1 foot deep. Ideal for a small Water Garden or Fish Pond; or as containers for Lilies, Lotus or Victorias in the large pool. Each.....

\$2

MINIATURE COLLECTIONS OF FISH AND SCAVENGERS

2 pair Goldfish (2½-inch); 1 pair Comets (2½-inch); 1 pair Japanese Snails; 6 Black Ramshorn Snails; 6 Tadpoles; 1 pair Green Frogs; 1 Fish Bucket. In Collection.....

\$1.75

2 pair Rainbow Fish (Guppy); 2 pair Mollisia; 2 pair Mosquito Fish (Heterandria Formosa); 1 pair Japanese Snails; 6 Black Ramshorn Snails; 1 Fish Bucket. In Collection.....

\$1.75

MINIATURE GARDEN COLLECTION

- 1 *Water Lily*—Your choice of Red, Dark Pink, Light Pink, White, Blue, Yellow, Red and Yellow changeable.
- 6 *Water Plants*—To include Floating, Submerged and Shallow Water or Bog Plants.
- 6 *Perennial Plants*—Dwarf Rock Garden varieties or taller Perennials; your choice.
- 1 *Pair Japanese Livebearing Snails*—To keep the water clear.
- 1 *Pair Goldfish*—Four to five inches; useful and ornamental.
- 1 *Fish Bucket*.

ALL ONLY \$3

IDEAL TRIO—Graziello and Lucida are two of the newer and rarer hybrids we offer at collection prices because of our extensive growing facilities and large stocks. Rose Arey is included in the assortment due to its very excellent all-round qualities which make it one of the most popular of the Hardy Lilies. Ideal Trio Collection **\$4.40**

GRAZIELLA

ROSE AREY

LUCIDA



Instructions for Building Pools of All Sizes ... How

Pools for water gardening may take many forms and sizes, but all of them should, first of all, be located where they receive plenty of sunshine. Usually lawn and garden conditions will require the construction of a concrete basin for the Pool, which will, according to your own preference, take on an informal arrangement resembling the natural pond as to shape, or a formal arrangement in round, rectangular or square shape with straight walls. Construction of Pools may, when soil conditions permit, be as simple as merely scooping out a pond-like area in the ground. The soil must be of such a character as to hold water well. Some soils not quite sufficient for this may be made so by lining the scraped-out pool with a layer of well-tamped clay.

All larger Pools should be 24 to 30 inches in depth to allow 8 to 12 inches of good soil in the bottom and a sufficient depth of water for growing purposes and adequate winter protection. If preferred, large pots, boxes or tubs may be used as containers for soil instead of covering the entire bottom of the Pool, which helps keep the pool water clear, and has the further advantage of containing individual plants and preventing overcrowding. Also soil in containers is easily fertilized, which is important for vigorous growth. The Pool may well be designed to duplicate on a small scale the conditions of lake and pond shores, giving water depths from 2 to 10 inches where plantings of shallow water growths are desired.

THE INFORMAL POOLS

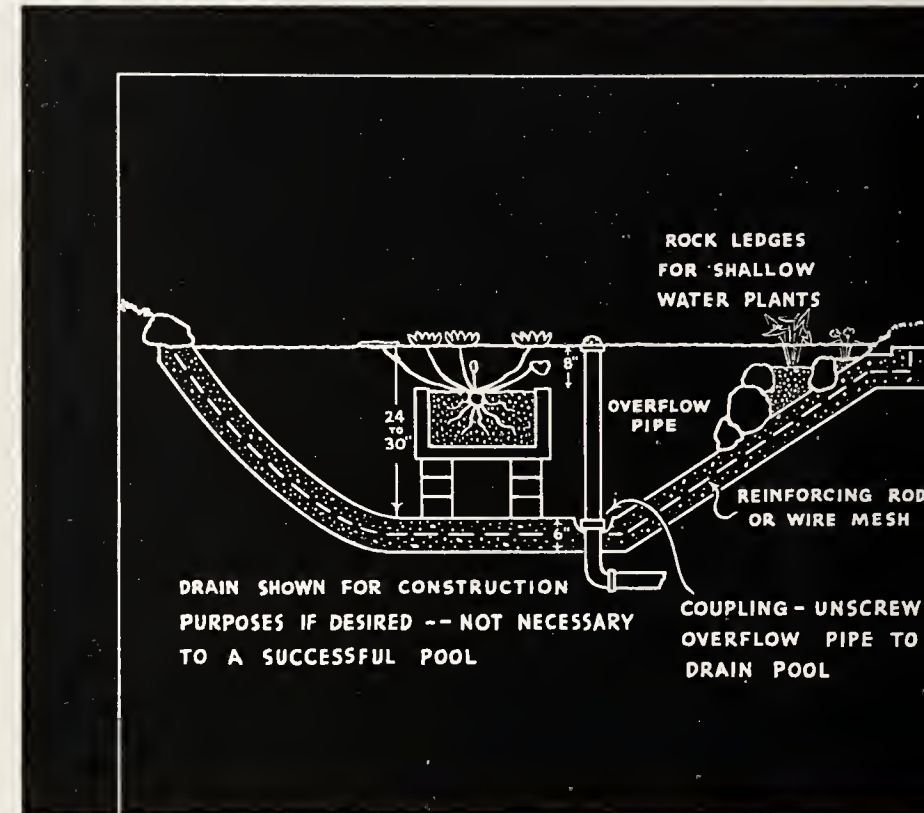
The most popular and inexpensive Pool, and the one affording opportunities for the builder to exercise his own tastes in design, is the informal, or irregularly shaped Pool. **FIRST**, stake out and mark with twine the **OUTSIDE** limits of your Pool. Excavate the center 30 inches deep, then slope the sides at about 45 degrees toward the center excavation, following the twine marking, letting the bottom be perfectly flat and as large as the size of the Pool naturally makes it with these sloping walls. Tamp sides and bottom well. Mix a stiff concrete with 1 part good cement, 2 parts clean sharp sand and 3 parts $\frac{1}{2}$ " to $\frac{3}{4}$ " gravel or cracked stone. Mix thoroughly while dry and add water just sufficient to make a thick mixture that will lie on the sloping walls. Plaster the walls of the excavation from the bottom to the top with 2 to 3 inches of this concrete. Immediately place wire mesh over the concrete, taking care to overlap the mesh on bottom and sides by 4 to 6 inches. Be sure the mesh is large enough to permit all gravel or stone pieces to pass through freely. Cover the mesh with another 2 to 3 inches of

concrete, tamping smooth and then smoothing surface with trowel or block of wood. Cover with building paper or damp hay or straw for 12 hours. Apply a thick paste of cement and water, painting it on with broom or whitewash brush. Recover the work and let it stand for 48 hours. Remove covering, fill with water and soak for 2 or 3 days. Empty, stirring water constantly to wash out all sediment. The Pool is then ready for use.

It is not necessary to provide drainage for Pools, and a large Pool without drainage may, instead of being filled and drained, be washed out thoroughly with a strong fine stream from a hose while brushing sides thoroughly with a stiff broom. Bail out the water and carefully sweep up and remove all sediment remaining.

THE FORMAL POOLS Rectangular, square or round Pools with vertical sides are used for formal arrangements of the Water Garden. These may be built in any soil by excavating the desired space and building forms for the side walls. These forms may be of wood, steel or of galvanized iron sheeting, reinforced with wood. Wood forms should be wetted before pouring concrete; metal forms wiped with oil or grease.

The **INFORMAL POOL** is shown in cross section drawing below, which illustrates sound construction methods. Inlet and overflow connections are not necessary unless you want a fountain or running water, but are always convenient



Ledges and other elaborations of construction, if desired, must, of course, be provided for in building the forms. It is good construction practice to make the inside form six inches short of the bottom of the outside form so that, when pouring the concrete for the walls, it will flow out inside and form a lip into which the bottom concrete can bind and seal the joint all around. Of course the bottom must be poured before the outflowing concrete from the wall forms has set. Smooth finished walls as described above and paint with cement paste. Reinforcing of the concrete in walls and bottom with wire mesh as described above, or with light reinforcing steel, is desirable to avoid possibility of cracking from frost.

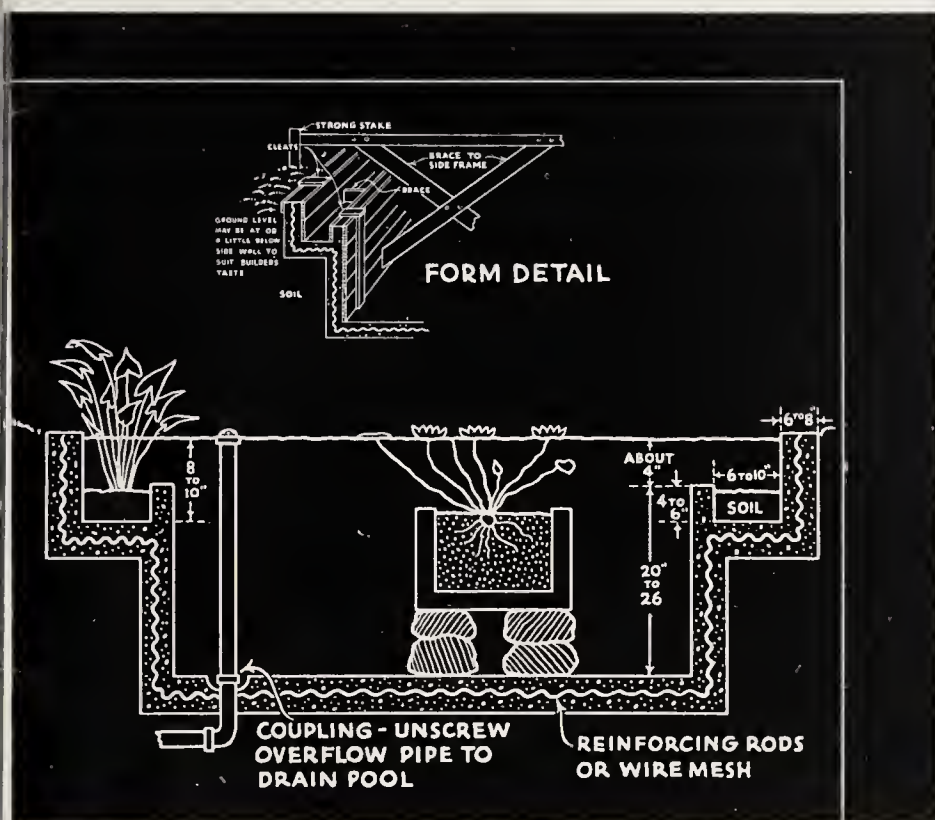
The labor and expense of building forms may be dispensed with in firm soil by excavating at

first only the width of the walls and using the trench thus cut for forms. Firm soil carefully cut and smoothed will give a smooth inner wall. After the walls have set in this procedure excavate the interior and construct the bottom, taking care to seal the joint between bottom and side walls carefully to prevent leakage. A paste of pure cement and water should be painted over the joint between bottom and sides when the finish surface is applied.

SIDE WALLS should be at least six inches thick and bottoms may be 4 to 6 inches thick. Many finishing treatments for the top edges and borders of formal Pools are possible and should be decided upon before construction is started. Brick trim should, of course, be set in place as soon as the walls have been poured so that it will set thoroughly in the concrete.

to Plant and Care for Beautiful Water Gardens

The FORMAL POOL, with symmetrical outlines and straight sides instead of sloping is diagrammed below. The illustration shows ledges for shallow water plants which may be modified for convenience or economy as explained on these pages.



DRAINS and overflow drains will be necessary when a fountain or running water is provided. Otherwise the Pool may well be filled as required by a hose, and if well balanced as to aquatic life running water and drains are not at all necessary.

BORDERS for Pools, whether formal or informal in design, offer many opportunities for ingenuity on the part of the builder, more especially in the case of the informal Pool arrangements. Plan for Pool construction should cover this important feature. In informal Pool arrangements stones or bricks may well be pressed into the fresh concrete along the sides, near the top, to form pockets or ledges for planting shallow water and Bog Plants. Arrange these pockets or ledges so that the soil placed in them will give water depths of from 2 to 10 inches to

provide for the various types of Shallow Water and Bog Plants. In general it may be said that the informal Pool should provide approximately for all the various conditions of water depth and soil to be found naturally at the shore lines of fresh water ponds and lakes.

We shall be pleased to assist in any matter pertaining to the growing of Water Lilies and other aquatics; selection, arrangement and care of plants in the Pool, and in any other matter with regard to water gardening in which we can be of service.

HARDY LILIES may be planted any time after growth begins in the spring; and as late in the fall as will let them become established, generally about six weeks before real cold weather sets in. Tropical Lilies may be planted any time after settled weather is assured; usually after May 20th in the latitude of Chicago. Plantings farther south may be made much earlier. We ship at the proper planting time for the locality in which the planting is to be made. We also ship at any time, on request.

Tropical Lilies may be grown and flowered continually for many years in a greenhouse, conservatory, or sun room pool simply by giving the proper temperatures and additions of fresh soil occasionally. Tropical Lilies planted out too early in cold water; or in water that is too deep for young plants (over 12 inches) or in a heavily shaded pool tend to go dormant. When this happens the plant is not dead; and by placing root in warm sunny water growth will recommence. It is to avoid this unnecessary delay in growth that we advise against too early planting. For greatest number of blooms throughout the season only 8 to 12 inches of water should be allowed over the crowns. When plants are received set out in shallow water; then fill up the pool as the plants commence to grow. For best results the pool should be exposed to full sunlight.

HOW TO PLANT:

The root of the Hardy Lilies should be pressed into the mud so that the growing tip is covered. Should the roots float after planting, weight with a stone until the new feeding roots have caught hold. If the bottom is very hard or stony, plant lily roots in light holders filled with heavy loam to which one-fourth cow manure has been added and sink in the desired spot. For most blooms water depth should not exceed two feet in summer, but be careful to select a spot well covered by water in winter. The winter depth is unimportant; the deeper the safer. Hardy Water Lilies will bloom in 3 to 5 feet of water, but not so profusely. Tropical Lilies may also be planted in natural ponds and lakes provided a very shallow spot is selected (8 to 10 inches deep), and the pond or lake maintains a fairly high temperature all summer (at least 65 degrees). Water Lilies of any variety, for best results, should not be

planted near a cold inlet nor in swiftly moving water. In fertilizing natural ponds cow manure may be layered on the ice to a depth of one inch or more. It will become water-logged in spring and sink. Bone meal may also be used in a like manner. Apply at the rate of one pound per square foot.

Containers for planting in constructed Pools may be anything from a large flower pot, a plant tub, or a box one foot square and six inches deep, to a tub two feet in diameter and a foot deep, or a box two feet square and eight inches to a foot deep. The larger the container, the greater the amount of soil given the plant, therefore more and larger blooms will result. Allow each Water Lily 8 to 12 square feet of water surface.

The soil, whether placed directly in the pool or in containers, should be a good, heavy, garden loam. The addition of one part *well rotted* cow manure to every four parts of soil will prove beneficial. A mild commercial fertilizer may be used, or a mixture of blood and bone meal (one quart dry measure per bushel of soil).

Water Lilies once started into growth are heavy feeders. Their roots spread out and feed laterally. It is advisable to drain the Pool every two to three years and replace all soil with fresh material, or at least top dress the soil by cutting off two or three inches and replacing with fresh soil, or fork in rotted cow manure or a commercial fertilizer, taking care not to injure the crowns.

Where containers are used, remove, empty, refill with fresh soil; reset the crown and return the container to its place.

An easy way of fertilizing is to place as much well rotted cow manure or mild commercial fertilizer in a paper bag as can easily be held in one hand. Press the bag into the soil near the Lily crown. The bag will disintegrate, allowing the fertilizer to incorporate itself with the soil. This method of fertilizing may be used for small quantities of fertilizer during the flowering season on any plants showing a tendency to fall off on flower production. This method is an excellent way of fertilizing Tub-Gardens and other small containers.

Tamp all soil, whether directly in the Pool or in containers, cover with one-inch layer of clean sand, and tamp sand. This prevents soil being stirred up and discoloring the water.

SUNBURST COLLECTION—After seeing this trio in bloom you will agree it is most appropriately named. Comanche supplies the strong red-orange and coppery tones seen close to the rising sun; Paul Horiot the soft yellow and pink shadings of sunrise light shifts, and Helen Fowler the delicate pink suffusion with which these shifts tint distant clouds. These three, in Collection..... \$4.00

PAUL HARIOT
COMANCHE

HELEN FOWLER



Hardy Water Lilies Ideal

HARDY LILIES are unexcelled for planting in natural ponds, lakes or in still pools along a river or stream-bank, and will beautify the most unattractive bit of water provided they are not planted in too deep water or near a cold inlet. (See page 7.) Once established so that the crowns will not be injured by freezing or ice, they become a source of permanent beauty. They may be grown in the smallest of pools and in tubs.

The hybridist has obtained excellent results with Hardy Lilies in developing color, quality, size, symmetry, fragrance of flowers, and growing qualities of the plants. The flowers embrace all the colors from purest white, delicate shell-pink, deep rose-pink to richest reds, yellows, and combinations of red and yellow. There is, however, no blue Hardy Lily. For this color one must go to the Tropical Lilies. Another contrast between Tropical and Hardy Lilies is that the blooms of the former are borne on stems well above the water, whereas those of the Hardy Lilies (April 1) until the last week of August. It is inadvisable to attempt planting before float or are raised only slightly.

Hardy Lilies may be planted any time from the start of growth in spring (about or after these dates. Plant Hardy Lily roots at a slight angle, pressing the butt end deeply into the soil with the growing tip covered about an inch. The following varieties, both recent introductions and old standard sorts, we consider the best for results. We list these varieties by color, rather than by alphabetical arrangement. Our Lilies are Northern grown and therefore exceptionally hardy.

DESCRIPTIONS OF HARDY WATER LILIES

WHITE LILIES

MARLIAC WHITE (*Albida*)—(Illustrated on pages 9 and 12)—Richly fragrant broad-petaled flowers of a pure, waxy white with bright yellow stamens; continuous bloom. \$0.75.

LOOSE—Flowers, opening very early in the morning, are large, very fragrant, and produced continuously. \$1.50.

GLADSTONE—Large, pure-white, globular flowers. A strong, vigorous grower inclined to hold both leaves and flowers above water when crowded. \$1.25.

PYGMY ALBA—Native of China. Delicate, tea-scented, white flowers. \$1.50.

ODORATA GIGANTEA (*Hopalong*)—Flowers larger than Odorata. Unexcelled for

naturalizing in ponds and lakes. \$0.50 each; \$5 a dozen.

ALBA CANDIDISSIMA. A free and continuous-flowering variety. Large, pure white blooms float among the deep green pads. \$1.

ODORATA MINOR—Excellent for planting along the edge of pools or in tubs. Tiny, fragrant, white lilies, 2 to 3 inches across. \$0.75.

LACTEA—Fragrant milk-white flowers, produced freely. Plant of moderate growth. \$2.

GONNERE—Large very double flowers of pure white. Stamens canary yellow. \$3.

PINK LILIES

ROSE AREY—(Illustrated on page 5)—Very free flowering and a strong grower.

for Your Pool, Pond or Lake

The flowers are very large, being eight or more inches across, fragrant, with long-pointed petals. A word picture falls short in describing the deep uniform pink color of this most satisfactory variety. One must see it growing and flowering to appreciate fully its merit. \$1.50.

EUGENIA DE LAND—(Illustrated on page 9)—A vigorous and free-flowering variety of *Odorata* type. Flowers large, floating, of a deep rose-pink; petals long, pointed. \$1.50.

MARLIAC FLESH (*M. Carne*)—Large, full-petaled flowers of a beautiful flesh-pink. Plant very vigorous, foliage bronze-green. \$1.25.

MARLIAC ROSE (*M. Rosea*)—(Illustrated on page 12)—Fragrant, cup-shaped flowers, of deep rose. Free flowering and of good size. \$1.

HELEN FOWLER—(Illustrated on page 8)—Very adaptable to Tub-Gardens. Deep pink flowers of medium size borne above the water. \$1.

PINK OPAL—(Illustrated on page 9)—Full-petaled cup-shaped flowers of a deep, rich pink. Foliage, reddish-green. \$1.

W. B. SHAW—Immense, very fragrant blooms. Petals light pink shading to rose at base. A strong growing and continuous flowering variety. \$1.

MARY—An ideal Tub-Garden or small Pool variety. Flowers a rich rose-carmine. \$1.

SOMPTUOSA—An enormous, very full-petaled, fragrant flower; petals rose-pink; stamens deep orange. Strong growing and free flowering. \$3.

NEPTUNE—Exceptionally free flowering. Broad, pink petals flushed with red at the base. A very attractive variety. \$3.50.

MASANIELLO—Large, fragrant flowers borne above the water. Petals rounded, pink dotted carmine. \$2.

ODORATA ROSEA—The well-known Cape Cod Pink Water Lily. Fragrant flowers of good size. \$1.

WILLIAM DOOGUE—Large flowers of a delicate shell pink, slightly cup-shaped. \$2.50.

ROSE MAGNOLIA—Ideal for naturalizing. Light, flesh-pink flowers, borne slightly above the water. \$1.

VENUSTA—Flowers cup-shaped of a rich deep pink, produced freely. \$2.

SPLENDIDA—Exceptionally free blooming. Large broad-petaled flowers of a rich pink deepening to red at the base of the petals. \$2.

PINK LAYDEKER—(*Laydekeri lilacea*) an ideal semi-dwarf variety producing numerous lilac pink flowers throughout the season. \$1.75.

ODALISQUE—Flowers very fragrant, of a deep pink, opening very early in the morning. \$2.

GOLIATH—Flowers very large tulip-shaped wide petals flecked with rose. \$4.

GALATEE—Desirable variety. Medium sized flowers having white petals flecked with crimson, giving the appearance of a pink flower. \$2.

FORMOSA—Large flowers of delicate lilac pink. Fragrant. \$3.

YELLOW LILIES

MARLIAC YELLOW (*Chromatella*)—(Illustrated on page 12)—Bright, chrome-yellow flowers. Leaves rich green, splotted bronze-red. Of compact habit, vigorous, and very free flowering. Ideal for Pool or Tub-Garden. \$1.

SUNRISE—(Illustrated on front cover)—Beautiful sulphur yellow flowers of large size borne slightly above the water; produced freely from early season until frost. \$3.

ODORATA SULPHUREA GRANDIFLORA—Not the common *Sulphurea* but the True Improved *Sulphurea Grandiflora*. \$2.

PYGMY YELLOW (*Helvola*)—Tiny, floating, light canary-yellow flowers in abundance. Adaptable to Tub-Gardens or the shallow water along the edge of Pools. \$0.75.

RED LILIES

GLORIOSA—(Illustrated on page 9)—One of the best. Flowers a beautiful clear red, deepening to dark red; full-petaled; very

(Continued on Next Page)

OUR SHOW COLLECTION—These five Hordy Lilies are on assortment making a blue ribbon display in any pool. Very reasonably priced, in collection, only \$5.80

EUGENIA DE LAND
GLORIOSA

MARLIAC ALBIDA

SIoux
PINK OPAL



symmetrical and fragrant. Adaptable to Pool or Tub-Gardens. Blooms continuously. \$2.50.

ATTRACTION—An immense flower, remarkably bright red in color and very free in bloom. We have counted fifty blossoms on a single box of them. \$3.50.

CONQUEROR—(Illustrated on front cover)—An immense flower; the bright red petals shaded with white on the inside change to deep red as the flower ages. Strong plants producing a wealth of bloom. \$3.

ESCARBOUCLE—Flowers an intense vermillion-red deepening on succeeding days; stamens garnet. Strong growing; should be included in every collection. \$3.

METEOR—The slender, flaring petals fold about garnet-colored stamens—a very pleasing flower that blooms abundantly. Each \$3.

ATROPURPUREA—A magnificent dark red lily bearing large flowers with golden stamens. Each \$3.50.

JAMES BRYDON—Handsome bronze-red foliage and large, cup-shaped flowers whose broad petals are an unique rose-crimson. An exceptional variety. \$2.50.

LUCIDA—(Illustrated on page 5)—Large flowers of a rich, warm red; petals long, pointed; stamens red-orange. Foliage green spotted maroon. Free flowering. \$2.50.

ROBINSONI—Leaves spotted maroon and deep red on under side. Flowers a violet red with slight orange suffusion; stamens red-orange. Makes a vivid contrast. \$2.50.

SULTAN—Large flowers of a striking shade of red. Petals shade from light to deep red at base. Blooms continuously. \$3.

RENE GERARD—Flowers very large, many petaled of a deep old rose shading to rose crimson. A distinctive variety. \$4.

PICCIOLA—Rich green foliage spotted with red. Large dark crimson flowers borne above the water. \$3.

MARLIAC FIRE—A distinctive variety producing medium sized flowers of a uniform fiery red. \$3.

LAYDEKER PURPLE—Plant of medium growth. Flowers deep rosy crimson, stamens orange red. \$2.

RED LAYDEKER—Flowers a brilliant amaranth red. Stamens fire red. Plant of medium habit. \$2.

VESUVE—Plant of good growth. Flowers fragrant of a dark rich red. \$3.

RED AND YELLOW LILIES

COMANCHE—(Illustrated on page 8)—The hardiest of all cultivated lilies. Large flowers of rich apricot with glowing red markings deepening to copper orange; olive green foliage flaked brown. Vigorous and free blooming. \$2.

AURORA—(Illustrated on page 4)—Very free flowering, of semi-dwarf habit suitable for small Pools or Tub-Gardens. Flowers amber-yellow, shading to red-orange on the second day and then deep red. \$1.

SIOUX—(Illustrated on page 9)—Flowers a rich copper-yellow of good size; petals long, pointed, and tinged red along the sides. Flowers and central foliage raised slightly above the water. \$1.50.

FULVA—A new red and yellow flower of great beauty and abundant blooms. Each \$1.25.

INDIANA—A free growing variety bearing beautiful copper-yellow flowers tinged pink, deepening to copper-red on succeeding days. A remarkable plant producing a constant succession of color changes in its freely produced flowers. \$1.50.

PAUL HARIOT—(Illustrated on page 8)—Cup-shaped blooms of a delicate light yellow suffused with pink. Colors deepen on succeeding days to yellow and copper-red. Mottled foliage. \$2.

CHRYSANTHA—(Illustrated on page 4)—Medium-sized flowers changing from amber-yellow to deep yellow-vermillion; stamens fiery orange. The plant is compact-growing, semi-dwarf in habit, making it an excellent variety for small pools or tub. \$2.

GRAZIELLA—(Illustrated on page 5)—Charming orange-pink flowers shading to a fine orange-red with age. A splendid variety for the Tub Garden and one you will enjoy for its unique color and pretty cupped form. \$1.50.

SOLFATARE—A free blooming variety bearing rich apricot colored flowers of medium size. \$2.

MOOREI—In many respects like the Marliac Yellow. The flowers being of a deeper tone of yellow. \$2.25.

..... Lotus Lilies Make

ONE of the most fascinating adventures in water gardening is the cultivation of Lotus Lilies, famed from time immemorial for their association with ancient Egyptian civilization—a type of Water Garden often called a Nile Garden. Flowers and leaves of these plants inspired ancient art and have become immortalized in many features of classical design. Seeds and roots of some of these plants were foods of early Nile River populations. The modern Water Gardener will find their beautiful and fragrant blossoms, their luxuriant and attractive growths, equally as inspiring.

THE NELUMBIAN OR SACRED LOTUS

Lotus plants are native to many parts of the world. The Hindu Lotus of India was worshipped by the early Egyptians so that it is popularly known as the Sacred Lotus. All varieties of the Lotus plants, which grow quite high above the water, are suitable for any Water Garden plan, especially as center pieces and corner plantings. They will grow and flower equally well in urns or other containers if moisture is abundantly supplied. Seed pods of the Lotus are almost as attractive as the flowers which precede them. Leaves and seed pods of the Lotus plants are often gilded or otherwise painted and made into unique interior decorative pieces.

Tubers of the Lotus plants, resembling large bananas, can be shipped to our customers from May 1 to June 1 only. Plant them as you do Hardy Lilies in only 6 to 10 inches of water. Lotus plants spread so rapidly that unless partitioned off in separate planting containers they may take possession of the whole pool and

choke out other plants. Plant Lotus tubers at an angle in the soil so that the growing tips are just barely covered.

AMERICAN LOTUS (*Nelumbium lutea*) is a variety native to the southern states, popularly known as the Water Chinquapin, which thrives well in all eastern and northern parts of the country. Produces large, cream-yellow flowers. Each, \$1.50.

SACRED or EGYPTIAN LOTUS (*Nelumbium nucifera*) produces flowers that are delightfully fragrant, the petals a beautiful rose at the tips shading to cream colors at the base. Hardy, vigorous, and free-growing. Each, \$1.50.

SHIROMAN LOTUS (*Nelumbium shiroman*) produces pure white flowers with golden stamens that are large and very fragrant. The blue green foliage is beautiful. Each, \$2.

CHINESE LOTUS (*Nelumbium pekinensis rubrum plenum*) produces magnificent double flowers of a rich rose, the finest red Lotus yet produced. Each, \$2.

A TRIO OF LOTUS

Three tubers of named varieties of this magnificent, stately Water Plant.

The Trio.....\$5

a Nile Garden....

LOTUS COLLECTION

Lotus groups are beautiful center pieces and background plantings for pools, and will grow and flower beautifully anywhere in the lawn if moisture is abundant. A choice collection of delightfully contrasting and fragrant plants which we can ship together are

One American Lotus One Sacred Lotus
One Chinese or Shiroman Lotus (your choice)

Three Strong Tubers, **\$4**
One of Each Variety,

STAR LILIES

Star Lilies are very sturdy, easy to grow, and give a wealth of medium-sized flowers in a season. The long, pointed petals give the bloom a starry appearance; and their delightful fragrance, brilliant colors, and exceptional qualities as a cut flower make them a valuable addition to the Water Garden.

Star Lilies, \$2 each
Blue Star, Rose Star, Purple Star
Red Star, Pink Star

Any Three, Your **\$4.75**
Choice, Collection,



This diagrammatic illustration may serve as a plan for planting a typical Nile Garden, or merely as a suggestion to the inventive gardener for a general plan. Suggested planting arrangement illustrated: 1 and 2—Water Lilies, L—Lotus, A—Paper Plant and Cattails, B—Pontederia and Bulrush, C—Arrowhead and Sweet Flag, D—Floating Heart and Parrot's Feather, F—Water Hyacinth and Water Lettuce.

"Your Collection for Small Pools has been received. I find everything satisfactory and the plants and fish seem to be getting along nicely." — Frank Sanders, Bangor, Penna., June 19, 1934.

SPECIAL NILE GARDEN COLLECTION

| | |
|------------------|--------------------------|
| 2 Papyrus Plants | 2 Water Lettuce |
| 2 Water Rushes | 2 Floating Heart |
| 2 Arrowhead | 2 Parrot's Feather |
| 2 Pontederia | 2 Bulrush |
| 1 Sacred Lotus | 2 Sweet Flag |
| 2 Water Hyacinth | 1 White Lotus Water Lily |
| | 1 Blue Lotus Water Lily |

TWENTY-THREE Plants, including **TWO** Water Lilies and a Sacred Lotus, in Collection..... **\$6.75**

QUICK, ECONOMICAL POOL
for two lilies and many other plants and fish

If you are considering a small Water Garden, save time, labor and money by installing one of our new pool-aquarium combination Galva-Tanks. Just excavate soil to sink the tank to ground level or below to permit rock and dwarf border perennials (see page 19) to be planted around the edges. With our Galva-Tank you can install your Pool, plant it, and begin enjoying your Water Garden plants and fishes within a few days after receipt. The Galva-Tank may also be used as a first class winter tank or aquarium, by moving it to the basement. This tank is oval in shape, 5 by 2 by 2 feet, capacity approximately 100 gallons. Guaranteed leak-proof heavy galvanized sheet metal with lapped sealed joints securely riveted with drain and overflow pipe. Shipping weight, 65 lbs. Price, tank only, \$5.

Galva-Tank Collection

*1 Guaranteed Leak-Proof Galva-Tank.
1 Aural Collection Water Lilies (see color illustration, page 4).
16 Select Goldfish (12 Comets, 2 Japanese Fantails, 2 Shubunkins)—all 4-inch or larger.
1 Small Pool Collection of Scavengers.
9 Perennial Plants assorted.
12 Water Plants assorted.
1 Net, 6 inches.
1 Box (1 lb.) Fish Food.
1 Fish Bucket.

ALL FOR \$14.50

*(Tank shipped by freight on receipt of order. Plants and fish shipped at proper planting time.)

Fertilize Your Lilies with "HOOSIER BIG BLOOM"

For really fine results with Water Lilies in your Pool you must use a good fertilizer liberally, and nothing will surpass in effectiveness or economy our Hoosier Big Bloom Fertilizer. The heavy foliage and profuse flowering of Water Lilies shows what heavy feeders these plants are, and you must remember that pool conditions restrict the earth available to their roots. Large blossoms will reward you for adequate fertilizing of your pool containers. (See page 7)

Five pound bags\$0.50
Ten pound bags85
Twenty-five pound bags 1.75

One quart of Hoosier Big Bloom Fertilizer should be used with each bushel of earth.

FISH AND SCAVENGERS FOR NILE GARDEN

12 Comet Goldfish, 4-5 inch.
6 Shubunkins, 3-4 inch.
6 Japanese fantails, 2½ inch.
1 Small Pool Collection of Scavengers. (6 Japanese Snails, 6 Black Ramshorn Snails, 6 Tadpoles, 2 Clams, 2 Salamanders).

THIS COLLECTION \$4.50

MARLIAC TRIO—In this natural-color photograph we show late September blooms of our plants, from which you may gain some idea of the splendid flowering to be expected in your Water Garden. These Hardy Water Lilies are the widely known and deservedly popular Marliac Trio—the yellow, white and pink Marliacs. Our price, in Collection, only \$2.25

ROSEA

CHROMATELLA

ALBIDA



Tropical Water Lilies are

TROPICAL LILIES provide twenty-four hours of continuous bloom each day from settled weather in spring until fall. They adapt themselves to the largest Pools or the smallest Tub-Gardens, size of flower alone being affected, this depending on the amount of soil and water surface provided. We ship only matured, potted plants, many already in flower, which produce fully developed plants giving a wealth of bloom in a surprisingly short time after setting out.

Tropical Lilies are of two distinct types: the Dayblooming Lilies, whose flowers open with the sun and close at evening, and the Nightblooming Lilies, whose flowers open in the afternoon and remain open until late the following morning. For constant succession of bloom the Tropical Lilies are unexcelled. Tropical Lily blossoms stand above the water in contrast to Hardy Lily flowers, which float. Set Tropical Lilies out in boxes 18 inches to 2 feet square and a foot deep, submerge 8 to 10 inches, and allow from 8 to 20 square feet of water-surface, for best results. They may be set out when settled weather is assured, which, in the latitude of Chicago, is about the end of May.

DESCRIPTIONS OF DAY-FLOWERING VARIETIES

WHITE LILIES

MRS. GEORGE H. PRING—The best pure white Tropical Lily. Flowers very fragrant, 8 to 10 inches; long pointed petals and sepals; golden-yellow stamens, borne in abundance all season. Produces equally well in scant or ample quarters; size of flower alone affected. \$1.25.

GRACILIS—Flowers a cream-white; of medium size; on good stems well above the water; fragrant. \$1.25.

JANICE—A pure white flower of medium size; plant of compact habit bearing young plants on the leaves. \$2.

PINK LILIES

MRS. ROBT. SAWYER—Plant sturdy, producing young plants on the leaves; flowers in abundance; gorgeous, full-petaled, and of a delightful shade of pink. \$2.50.

ZANZ. ROSEA—Flowers rose-pink of good

size, bell shaped, and produced very freely. Adaptable to any size Pool or to Tub-Gardens. \$1.

GENERAL PERSHING—Broad, chalice-shaped flowers of a clear pink, delightfully fragrant. Foliage beautifully mottled. \$3.

STELLA GURNEY—Flower full-petaled; fragrant, freely produced and of a light rose-pink. Borne on good stems well above the water. \$2.

GRACILIS ROSEA—A deep rose-pink seedling of Gracilis. \$2.

MRS. C. W. WARD—Beautiful large flowers of a deep rose-pink on good stems. Petals and sepals long, pointed. Flowers produced very freely. \$2.

CASTALIFLORA—Large fragrant chalice-shaped flowers of a rich pink. \$1.50.

PURPLE LILIES

ZANZIBARIENSIS—The native African purple lily. Flowers 6-8 inches, very fragrant, showy, and freely produced. \$1.50.

the Brightest Gems of Water Gardening

AUGUST KOCH—Flowers very fragrant and freely produced. 7-8 inches. Of a pale wisteria-violet; sepals lilac. Plant of stocky, compact habit adaptable to varying conditions. Foliage a dark green. \$2.

PANAMA-PACIFIC—Flowers a wine-purple with golden stamens. This variety is practically ever-blooming; of compact habit producing young plants on the leaves. Leaves beautifully spotted and marked as are the bronze-green buds. \$2.

BLUE LILIES

MRS. ED. WHITAKER—Light lavender-blue flowers; long pointed petals; exceptionally free flowering. Very adaptable. Can be flowered in a small pot. Size of flower and foliage increased with additional allowance of water surface and soil. \$2.

CAERULEA—The original "Blue Lotus" of the Nile. Produces an endless succession of fragrant blooms until heavy frost. \$1.25.

PENNSYLVANIA—Flowers a deep rich blue; many petaled; stamens golden-yellow, tipped blue. Buds and leaves green beautifully splotted maroon. \$2.

BLUE BEAUTY—An old, beautiful, and dependable Tropical Water Lily having large fragrant flowers of a delightful blue; stamens yellow, tipped blue. Foliage and buds green, spotted purple. \$1.65.

DAUBEN—Flowers a light blue and very fragrant. Plant compact, suitable for Tub, Pool, or Aquarium culture. \$1.

BLUE BIRD—Flowers of medium size, cup-shaped, of a good shade of blue. \$4.

ERNST LUDWIG—Given space, this variety will prove a vigorous grower, producing large flowers of a rich violet-blue on stout stems. Foliage glossy green. \$2.50.

WM. STONE—An excellent cut flower. Large, deep blue flowers on long stems in abundance. \$2.

CAPENSIS—Medium size, chalice-shaped, sky-blue flowers freely produced. \$1.25.

AMETHYST—A large free flowering variety bearing young plants on the leaves. Flowers a deep amethyst blue. \$2.50.

CALIFORNIA—An excellent variety. Large blue flowers, freely produced. \$2.

COL. LINDBERGH—Enormous deep caerulean blue flowers carried high above the water on good stems. Plant of strong growth. \$2.50.

INDEPENDENCE BLUE—A strong growing and free flowering variety. Flowers large of a pleasing shade of blue. \$1.50.

MRS. WOODROW WILSON—Plant of compact habit, producing young plants on the leaves. Flowers a light lavender blue, cup-shaped, of medium size, and very freely produced. \$2.

DESCRIPTIONS OF NIGHT-FLOWERING VARIETIES

GORGEOUS display of brilliant color is the claim of the Night-blooming Lilies for recognition and a place in every pool. The designation "Night-bloomer" is a trifle misleading; specifically, the flowers close at midday, or when the sunlight becomes strongest, and open again in the afternoon. On cloudy days or in late summer, when the weather becomes cooler, they sometimes remain open through the twenty-four hours.

The magnificently large, exquisitely colored flowers are deserving of greater popularity than they at present enjoy. These Lilies can be grown in the smallest of pools, in which case the leaves and flowers will be dwarfed, though the blooms lose none of their rich coloring; or in a large Pool, where with ample space they will produce continuous blooms surpassing in size any of the other types of Lilies.

RED LILIES

DEVONSHIRE—Very free blooming. Bright rosy red flowers 8-10 inches. Bronze-green foliage. \$1.50.

BISSET—Leaves bronze-green. Flowers 8-10 inches; petals deep rose; stamens burnt orange. \$1.50.

GEORGE HUSTER—Flowers a brilliant crimson. A vigorous grower. \$2.

FRANK TRELEASE—Exquisite dark crimson flowers of good size; petals long, pointed,

HENRY SHAW—An excellent variety of moderate growth. Free flowering producing fragrant bloom of campanula blue. \$1.50.

RED LILIES

PATRICIA—A very free flowering variety of compact habit suitable for small Pools and the Tub-Garden. Flowers of medium size of a rich crimson. \$2.

GRACILIS RUBRA—Very free flowering. Flowers of a rich red, medium size with many long pointed petals. \$2.

giving a starry effect. Stamens deep reddish brown. Leaves dark red. \$1.50.

STURTEVANT—Enormous flowers; pink, deepening to red; desirable for large pools. \$2.

H. C. HAARSTICK—A new red variety. It is a striking addition to the Night Flowering group of Water Lilies. Flowers are a clear rich red surrounded by large bronze foliage. Each \$2.50.

WHITE LILIES

JUNO—The largest flowered Night Bloomer. Broad snow-white petals around a center of

VICTORIA LILIES

Water gardeners who have large pools or natural ponds or lakes may grow the amazing Victoria Lilies from tropical America, which produce leaves six feet or more in diameter with edges turning up three inches or more. The huge flowers are beautiful white color and of delightful fragrance. Victoria Lilies require planting boxes three or four feet square or ample room in natural waters. Though dwarfed by crowding they are yet the most extraordinary members of the plant family. We supply them as low as \$7.50 each, and solicit inquiries from those whose water gardens provide space for them.

yellow stamens. Large, glossy-green, dentate foliage. \$2.50.

DENTATA—Blooms very freely, flowers of medium size. Petals broad, pure white surrounding a center of golden stamens. Foliage green. \$1.50.

PINK LILIES

RUBRA ROSEA—One of the best. Large flowers of brilliant rose-carmine held well above the mottled foliage. \$1.50.

OMARA—A vigorous grower. Produces large flowers of deep rose lightened by a white stripe through each petal; stamens deep orange-red. \$1.25.

JUBILEE—Flowers 6-8 inches; white with pink suffusion at base of the petals. \$1.50.

MRS. GEORGE C. HITCHCOCK—A new pink. The Mrs. Hitchcock has large deep rose-pink flowers borne above the water. A beautiful night flowering hybrid. Each \$2.50.

EMILY GRANT HUTCHINGS—A new pink with large cup shaped blooms of a delightful clear pink. No collection is complete without this attractive new hybrid. Each \$2.50.

Shallow Water Plants

ALL Water Gardens, whether natural Ponds, artificial Pools, or Tub-Gardens, should have their margins beautified by suitable plantings. About natural bodies of water the soil at the immediate edge is very moist and here the marsh, bog, and shallow-water plants thrive. Back from the edge, except in springy meadows and the like, the soil is usually well drained and admirably adapted to the growing of many beautiful hardy perennials. In many instances, however, the artificial Pool is constructed where the ground is high and dry. The border planting for such must necessarily be of perennials suited to a dry, sunny location. A number of suitable perennials are listed on page 19.



This beautiful pool at the home of Willis P. Hoover, Easton, Penn., shows beautifully developed Tropical Lilies (Blue Beauty and RubraRosea about a central planting featuring the Egyptian Lotus.

Formal Pools have their centerpieces and corner designs of shallow water plants, and in natural Pools the plantings are carried down the bank and into the water. The Shallow-Water Plants serve ideally for either purpose.

ARROWHEAD, Giant (*Sagittaria montevidensis*). Hardy plants 1 to 3 feet high, producing freely tall spikes of large white flowers. 50 cts. each, \$1.25 for 3.

ARROWHEAD, Common (*S. latifolia*). Large arrowhead leaves and white flowers. Ideal for group planting in shallow water. Hardy. 25 cts. each, \$1 for 5.

CATTAILS (*Typha latifolia*). A graceful, attractive plant when grown in clumps, bearing the dark brown flower-spike well above the foliage. Excellent for naturalizing and entirely at home on the edge of Pools, at a swamp-border, and along sluggish streams. \$1 per doz.

FLOATING-HEART (*Nymphaeodes peltatum*). An European species with yellow flowers. Has a tendency to crowd out other plants once established. \$1 per doz.

FLOWERING RUSH (*Butomus umbellatus*). A hardy plant with peculiar three-sided leaves. Flowers pink. \$1 for 3, \$2.50 per doz.

FORGET-ME-NOT (*Myosotis palustris*). Flowers light blue, with yellow eye. A pretty little plant blooming throughout the spring and summer. \$1 for 5, \$2 per doz.

MARSH MARIGOLD (*Caltha palustris*). Large, yellow, goblet-shaped flowers in early spring. 75 cts. for 4, \$2 per doz.

PARROT FEATHER (*Myriophyllum proserpinacoides*). Long, trailing stems and whorls of finely cut, beautiful green foliage. Very attractive as an edging plant, the tips floating out upon the water. 50 cts. for 6, \$1.00 per doz.

PICKEREL WEED. A sub-aquatic common to borders of brooks and Ponds, having spikes of intense blue flowers. 2 ft. 50 cts. for 2, \$2.50 per doz.

PRIMROSE CREEPER (*Jussiaea repens*). A quick-growing, trailing aquatic having waxy green leaves and masses of yellow flowers. Hardy. 50 cts. for 3, \$1.50 per doz.

PURPLE WATER HYACINTH (*Eichhornia azurea*). Plants of creeping habit, the runners floating out upon the water. Flowers of rich purple with delicately fringed petals. 50 cts. each, \$1.25 for 3.

SWEET FLAG, Variegated (*Acorus calamus variegata*). Iris-like leaves, striped green and creamy white, on running root-stalk. Hardy, 2 to 3 ft. \$1 for 4, \$2.50 per doz.

SWEET FLAG, Dwarf (*A. gramineus variegata*). Dwarf; narrow leaves, having a pure white stripe. Hardy. 8 to 10 in. 35 cts. each, \$1 for 3.

WATER POPPY (*Hydrocleis nymphoides*). A pretty, Water Lily-like plant having yellow Chalice-shaped flowers with black centers. 25c for 2; per doz. \$1.00.

WILD CALLA (*Calla palustris*). Small white Calla Lily with flowers on running root-stalks. A splendid edging plant. 75 cts. for 4, \$2 per doz.

WILD RICE (*Zizania aquatica*). A very ornamental, reed-like aquatic bearing large panicles of bloom on graceful stems 6 to 10 feet high. A few plummy heads of Wild Rice seeds will attract birds to your Pool in numbers. \$1 per doz.

COLLECTION of 7
Shallow-Water Plants, **\$1**

COLLECTION of 15
Shallow-Water Plants, **2**

Floating and Oxygenating Plants

WHEREVER fish are kept, in Pool or Aquarium, the Floating and Oxygenating plants take on especial importance. Oxygenating plants produce free oxygen in the water in the processes of growth and are very valuable in supporting vigorous and active fish life for this reason. Floating Plants provide natural places for the fish spawn, their dense masses of roots being ideal for holding the spawn close to the surface of the water where the eggs will be sure of sufficient warmth from sunshine to hatch. Oxygenating and Floating Plants in the Water Garden will provide a convenient source of fresh plantings for the Aquarium, where they are necessary if balanced aquarium life is to be established.

FLOATING PLANTS

Floating Plants may be placed anywhere in the pool and are unexcelled for planting nooks and corners, or at the base of taller growing plants.

AZOLLA—Forming crinkly green or reddish patches upon the water. Excellent as a cover for young fish. 25c per portion.

WATER FERN—A true fern; bearing young plants on the leaves. A good cover and very useful in raising Red Snails. 50c for four; \$1.25 per doz.; small plants, 50c per portion.

DUCK WEED—A good fish food. Tiny, round leaves like polka dots on the water. 25c per portion.

SALVINIA—Very odd and a good cover. Forms a chain of tiny, round, green leaves. 25c per portion.

WATER LETTUCE OR SHELLFLOWER—Blue-green fluted leaves and long, wavy roots. Strikingly different. 50c for three; \$1.50 per doz.

WATER HYACINTH—Spikes of orchid-lavender flowers and young plants produced very freely if the long, massy roots are allowed to anchor their tips in soil. Excellent for the spawn of gold or tropical fishes and as a cover for the young. 50c for six; \$1.00 per doz.

Floating Plant Collections

1. Five assorted Floating Plants.....75c
2. Twelve assorted Floating Plants.....\$1.50

OXYGENATING PLANTS

If soil has been placed in the bottom of the Pool these plants may be weighted and dropped in anywhere desired, taking root in a very short time; or they may be planted in pots or pockets along the side or in a shallow box placed directly on the bottom.

ANACHARIS—A rapid growing plant and one of the best oxygenators. 50c for six bunches; \$1 per doz.

SAGITTARIA SINENSIS—Excellent for bottom cover in the pool; and a very desirable aquarium plant. 50c for six plants; \$1 per doz.

VALLISNERIA—A good oxygenator with long, narrow, wavy leaves. 50c per doz.; \$1 for twenty-five plants.

CABOMBIA—Very popular. Broad, fan-shaped, finely cut leaves. 50c for six bunches; \$1 per doz.

MILFOIL; MYRIOPHYLLUM—Excellent for fish spawn. Delicate green leaves having a lacy appearance under water. 50c for six bunches; \$1 per doz.

LUDWIGIA—Round, glossy green leaves; under side and stems red. Very decorative in the aquarium. Should be planted in shallow water, in pools. 50c for six bunches; \$1 per doz.

COONTAIL CERATOPHYLLUM—Straight growing stems with short bushy side growths. Leaves like tiny pine needles. 50c for six bunches; \$1 per doz.

OXYGENATING PLANT COLLECTIONS FOR THE POOL

1. 20 (Plants and bunches) in 5 varieties.....\$1.50
2. 36 (Plants and bunches) in 6 varieties.....2.50
3. 60 (Plants and bunches) in 6 varieties.....4.00

HARDY ORNAMENTAL GRASSES

MISCANTHUS SINENSIS GRACILLIMUS (*Eulalia gracillima univittata*)—(Maiden Grass.) A graceful, ornamental, hardy Grass with long, narrow, green leaves, midrib lighter. Plumes rise from center. 4 to 5 ft. 35c each, \$1 for three.

MISCANTHUS SINENSIS VARIEGATUS (Striped Eulalia)—A variety having broader leaves striped white and green. 4 to 6 ft. 35c each, \$1 for three.

MISCANTHUS SINENSIS ZEBRINUS—Makes showy clumps of graceful foliage with alternating bands of green and creamy white. 35c each, \$1 for three.

COLLECTION

Hardy Grasses, three of each variety of Miscanthus, nine strong clumps, for \$2.50.

Special Aquarium Collection of Oxygenating Plants

- 10 (Plants and bunches); your choice.....\$0.75

....Books

FOR WATER GARDENERS

WATER GARDENERS who wish to explore the fascinating subject in greater detail will find a wealth of interesting information and valuable help for their own projects in the following books, all of which we are pleased to recommend warmly for their authoritative and dependable contents:

THE WATER GARDEN, by Peter Bisset—Each \$5.00.

WATER GARDENS AND GOLDFISH, by Robert V. Sawyer and Edwin H. Perkins—Each \$2.00.

GOLDFISH VARIETIES, TROPICAL AND SUB-TROPICAL AQUARIUM FISHES, by W. T. Innes—Each \$4.00.

MODERN AQUARIUM, by W. T. Innes—Each \$1.00.

1001 GARDEN QUESTIONS ANSWERED, by Alfred C. Holtes—Each (cloth binding) \$2.00. A veritable encyclopedia for the amateur with an average sized place, giving information on every phase of gardening.

Any of the publications listed above may be ordered at the prices shown either through us or direct from the publishers—A. T. De La Mare Company, Inc., 448 West 37th St., New York City.

Among valuable references on fish culture are: TROPICAL TOY FISHES, The National Geographic Magazine, March, 1931, page 287. GOLDFISH AND THEIR CULTIVATION IN AMERICA, The National Geographic Magazine, October, 1924.

Other valuable references for Water Gardeners:

BETTER HOMES & GARDENS—a monthly magazine—one year subscription \$1.00; two years \$1.50. (With each two year subscription is given free a very useful booklet, "MY GARDEN HELPER." This valuable booklet tells (1) exactly what to do in your garden each month of the year, (2) how you can have a smooth, velvety lawn, (3) what shrubs and trees to plant and how to plant and prune them, and (4) how to have continuous bloom in your garden throughout the year.

Your order may be sent to us or direct to Better Homes & Gardens, Des Moines, Iowa. We will be pleased to have you mention our catalog if ordering direct.

Popular-Priced Collections of Lilies,

SPECIAL collections of Water Lilies, Plants and Ornamental Fishes offered by Hoosier Aquatic Gardens in this and the following pages represent planting schemes whose merit has been proved in practice. The great variety of collections listed will meet every requirement for the largest to the smallest pools, and satisfy every individual taste for assortments of plants.

Detailed descriptions of the items included in the various collections can easily be found in the sections of this catalog devoted to the different groupings of Water Lilies, Goldfish, Tropical Fish, Miscellaneous Water Plants, and border Plants and Grasses.

Hoosier Aquatic Gardens collections represent the finest in quality of every article included, and the maximum economy for the purchaser. See page 2 for a detailed statement of terms and shipping conditions applying to all orders. You will find a convenient order blank inside the back cover of the catalog making it easy for you to give us all the necessary information concerning your order and the proper shipping of it.

IDEAL PLANTINGS FOR WATER GARDENS

These complete Pool collections do not include Perennials for the reason that many Water Gardens are planned without provision being made for Perennials and Rock Plants about the borders and walks. For those having a Rock Garden, flagged walk, or desiring a border of Perennials about the Pool, we offer a very choice selection of Perennials and Rock Plants on page 19.

This diagram illustrates a very suitable plan for planting large Pools, showing how the taller growing plants serve as corner and center pieces. Large Pools will provide considerable latitude in the arrangement of plants. The Goldfish and Scavengers offered in our collections are correct for balanced aquatic life, which is essential to keep the water clear and to promote suitable soil conditions for the plants.

1 to 8—Water Lilies.

A—Umbrella Palm, Sweet Flag, Water Poppy.
B—Arrowhead, Water Amaryllis, Floating Heart.

C—Sweet Flag, Water Willow, Water Clover.
D—Water Taro, Spider Lily, Trailing Hyacinth.

E—Paper Plant, Bulrush Cattail, Water Canna, Parrots Feather.

F—(Two identical groups)—Water Hyacinth, Water Lettuce, Water Fern, Salvinia.

Plantings in Water Gardens, so far as numbers of plants are concerned, are determined by the water area available, and the following choices forming a complete collection are ideal for Pools as large as 10 by 16 feet or more.

FOR LARGE POOLS

WATER LILIES: Your choice of any one of the following:

1. Five Superb Hardy Lilies (page 17) and the Zanzibar Trio. (Page 17.)
2. Four Choice Day-Blooming Lilies (page 17), and the Blue Ribbon Collection (page 17).
3. Five Hardy Lilies as illustrated on page 9 (our Show Collection) and the Marliac Trio. Illustrated page 12.

AQUATIC PLANTS: 80 plants as follows: 32 plants suitable for corners, or ledges along the sides of the Pool, such as Taro, Arrow-

head, Primrose Willow, Umbrella Palm, Parrots Feather, Forget-me-not, etc., our selection; 36 submerged or oxygenating plants; 12 floating plants, such as Water Hyacinth, Water Fern, Shellflower, etc. (See pages 14, 15 and 19.)

FISH AND SCAVENGERS: 30 Goldfish as follows: 6 (7-9-inch) Young Giants, 12 (4-inch) Large Comets, 6 Extra-large 5-6-inch Comets, 6 Extra-large 5-6-inch Shubunkins, 1 Large Pool Scavenger Collection (see page 31), 1 lb. Grassyfork Goldfish Food (see page 30).

A Complete Assortment for Large Pools, only.....\$27

FOR MEDIUM POOLS

(A Pool 6 x 10 feet, or 7 x 9, or 10 feet in diameter)

5 Water Lilies: Your choice of any one of the following three collections:

1. Hoosier Garden. (Page 18.)
2. Five Superb Hardy Lilies. (Page 17.)
3. Show Collection—Five Hardy Lilies illustrated on page 9.

38 Aquatic Plants, to include: 10 plants suitable for centerpiece or background; 16 plants for corners or margins; 6 submerged plants; 6 floating plants.

18 Fancy Fish, to include: 2 pairs 7-9-inch Young Giants; 6 Extra-large 6-inch Comets; 6 Extra-large 5-6-inch Shubunkins; 1 pair Large 5-6-inch Fantails.

40 of the Best Scavengers, to include: 12 Tadpoles; 6 Japanese Snails; 12 Black Ramshorn Snails; 2 Salamanders; 4 Green Frogs; 4 Clams.

1 lb. carton Grassyfork Goldfish Food.
Complete.....\$18

FOR POPULAR SIZED POOLS

(A Pool 6 by 7 feet, or 8 feet in diameter)

A Pool of the approximate dimensions given above is gaining favor with an increasing number of our customers each season.

WATER LILIES. Four Lilies, any one of the following Collections: Four Popular Hardy Lilies (see page 18), or Unexcelled Collec-



Plants and Ornamental Fishes

tion (see page 18), or Four Popular Tropical Lilies (see page 18).

30 **CHOICE AQUATIC PLANTS.** To include: 8 plants for corners or backgrounds; 16 plants for corners or margins, 3 floating plants, 3 submerged plants.

14 **BEAUTIFUL LARGE BREEDING FISH** to include 2 pair 8 inch to 9 inch Young Giant Goldfish, 6 Large 5 inch to 6 inch Comets, and 6 large 5 inch to 6 inch Calico Fish or Shubunkins.

22 of the best Scavengers.

1 lb. carton Grassyfork Goldfish Food.

Collection Complete for Popular Sized Pool.....\$12

FOR SMALL POOLS

(A Pool 6 to 7 feet in diameter, or 4 x 6 feet, or 5 x 7 feet)

3 **WATER LILIES** to include: 1 Chromatella (best yellow, hardy); 1 Blue Beauty (ever blooming blue, tropical); 1 Pink Opal (deep pink, hardy).

23 **AQUATIC PLANTS** to include: 5 plants for centerpiece or background; 12 plants for corners or margins; 3 Floating Plants; 3 Submerged Plants.

16 **ORNAMENTAL FISH** to include: 12 Large 5-6-inch Common Goldfish; 2 (4-inch) Japanese Fantails; 2 4-inch Shubunkins or Calico Fish.

22 **OF THE BEST SCAVENGERS** to include: 6 Japanese Snails; 6 Tadpoles; 6 Black Ramshorn Snails; 2 Green Frogs; 2 Salamanders.

1 lb. carton Grassyfork Goldfish Food; 1 Fish Bucket.

Complete Collection.....\$8.75

BLUE RIBBON COLLECTION

This Collection will delight you. In color, number of flowers, sturdiness of varieties, and in price, it cannot be surpassed.

Capensis. (Dayflowering) Blue.

Chromatella. Yellow; hardy.

Eugenia de Land. Pink; hardy.

Frank Trelease. (Nightflowering) Red.

One of each, in Collection.....\$4.25

QUALITY FOUR

Chromatella.

Paul Hariot.

James Brydon.

Eugenia de Land.

Four Excellent Varieties, in Collection.....\$5.40

Our New Special "WORLD'S FAIR COLLECTION"

Consisting of, and describing, the pools of the Indiana State Exhibit at "The Century of Progress Exposition" (better known as the World's Fair). The Lilies, Plants and Fish in these Pools all were from The Hoosier Aquatic Gardens. The Collection below is a part of this wonderful assortment, consisting of seven Lilies:

Conqueror Chromatella Pink Opal Sultan W. B. Shaw Albida and Attraction "World's Fair Collection"

All Only\$11.75

FOUR CHOICE DAYBLOOMING LILIES

Zanzibar Purple.

Mrs. George H. Pring—White.

General Pershing—Pink.

Blue Beauty—Blue.

One of each, in Collection.....\$6.75

A NILE GARDEN

Includes four plants which have grown in the still, shallow water along the banks of the Nile for ages. (See page 11.) A beautiful collection of age-old Water Garden plants.

Collection.....\$6.75

TRIO COLLECTIONS

Selected First Quality Lilies Outstanding Bargains

TRIO 1

Lucida, Albida, Rose Arey **\$4.00**

TRIO 2

Glariasa, Camanche, W. B. Shaw **4.75**

TRIO 3

Sunrise, Attraction, Marliac Rasea **6.00**

TRIO 4

Canquerar, Chromatella, Pink Opal **4.00**

TRIO 5

Sultan, Albida, James Brydan **5.50**

BEAUTY TRIO

Mrs. Edwards-Whitaker—Light blue. Blue Beauty (Dayflowering)—Blue. Panama-Pacific—Wine-Purple. **\$5.00**

ZANZIBAR TRIO

Zanzibar Purple, Zanzibar Blue, Zanzibar Rose, **3.75**

ROYAL TRIO

Oda Rasea—Pink; hardy. Caerulea—Blue. Chrysantha—Amber-yellow. **3.50**

FIVE SUPERB HARDY WATER LILIES

Aurora—Red-orange. William Doogue—Soft pink. Chromatella—Yellow. Attraction—Rich red. Gladstone—White. **One of each, in Collection.....\$7.50**

(Continued on page 18)



A handsome planting plan for popular and medium Pools is shown in this diagram. Our Pool Collections are chosen so that you can provide from 8 to 12 square feet of water surface for each Hardy or Tropical Lily. The larger-growing varieties will do better, producing larger and more abundant blossoms, if from 12 to 20 square feet of water surface are provided for each plant.

1 to 4 Water Lilies.

A—Water Taro, Arrowhead, Water Poppy.

B—Water Iris, Hedychium, Water Clover.

C—Sweet Flag, Water Willow, Parrots Feather.

D—Umbrella Palm, Water Plantain, Wild Calla.

E—Cattail, Paper Plant, Marsh Marigold.

F—Water Hyacinth, Water Lettuce or Shellflower, Water Fern.

"Everything I put in and around my pool lived, thanks to the quality of your products."—Mrs. J. L. Vogel, Danville, Indiana, May 4, 1934.

FREE WITH EVERY ORDER OF \$10.00 OR MORE

The Garden Parlor

By K. F. TRIGGS

A perfect Garden Guide to planning, planting, selecting and caring for your yard. This splendid booklet discusses lawns, flowers, gardens, water gardens, rock gardens, shrubbery, trees—every consideration of modern American home beautification projects. Carefully written by a highly skilled specialist this booklet condenses into a time-saving 36 pages all the information needed for lawn and garden projects. Single copies 25 cents—postage paid.



Small Pools of informal design can be easily adapted to all manners of garden and lawn plans. This diagram shows a very satisfactory way of planting such pools, and collections much larger may well be planted after this fashion. The illustration shows our collection for small pools listed on page 17.

- 1, 2 and 3—Water Lilies.
 A—Cattail, Arrowhead, Water Poppy.
 B—Umbrella Palm, Pontederia, Forget-me-not.
 C—Water Iris, Parrots Feather, Umbrella Palm.
 D—Variegated Sweet Flag, Water Taro, Floating Heart.
 E—Paper Plant, Water Canna, Parrots Feather.
 F—Water Hyacinth, Water Lettuce or Shellflower, Water Fern.

Popular-Priced Pool Collections

TRIO OF FAVORED HARDY LILIES

Aurora—(Hardy) Amber-yellow.
 Alba candidissima—(Hardy) White.
 James Brydon—(Hardy) Red.
 One of each,
 in Collection.....\$3.60

TRIO OF TROPICAL LILIES

Zanzibar Rose—(Dayflowering).
 Juno—(Nightflowering) White.
 Capensis—(Dayflowering) Blue.
 One of each,
 in Collection.....\$4.25

BOUQUET COLLECTION

Mrs. Edwards-Whitaker—Light blue.
 Pennsylvania—Blue.
 Zanzibariensis—Purple.
 Stella Gurney—Pink.
 Gracilis—White.
 In Collection,
 five excellent varieties.....\$8

MARLIAC TRIO

(See Natural Color Photograph, page 12.)
 Marliac Red.
 Marliac Yellow.
 Marliac White.

In Collection.....\$2.25

FOUR POPULAR TROPICAL LILIES

Mrs. Edwards-Whitaker—Light blue.
 August Koch—Violet.
 Juno—(Nightflowering) White.
 Zanzibariensis rosea—Pink.

In Collection.....\$6

FOUR POPULAR HARDY LILIES

Marliacea albida—White.
 Sioux—Yellow-orange.

Pink Opal—Pink.
 James Brydon—Red.

In Collection.....\$5

HOOSIER GARDEN COLLECTION

Panama-Pacific.
 Mrs. Edwards-Whitaker.
 Frank Trelease.
 Rose Arey.
 Comanche.

One of each, in Collection.....\$7.25

ECONOMY TRIO

Our most favored Collection. Three Hardy Lilies suitable for Tubs, the Pool or natural plantings.

Collection of 3 varieties.....\$2.50

ELITE TRIO

Graziella. Pink Opal.
 W. B. Shaw.

One of each, in Collection.....\$2.75

UNEXCELLED COLLECTION

Four beautiful varieties—a Water Garden bouquet.

Purple Star. Paul Harriot.
 Marliac Rose. George Huster.

One of each, in Collection.....\$6

FIVE DAYBLOOMING LILIES

Five varieties which will provide a gorgeous display of color in the Water Garden.

Ernst Ludwig—(Dayflowering) Blue.
 Gladstone—(Hardy) White.
 Masaniello—(Hardy) Shell-pink.
 Gloriosa—(Hardy) Red.
 Gracilis Rosea—(Dayflowering) Pink.

One of each, in Collection.....\$8.50

AQUATIC PLANT COLLECTIONS

SMALL POOL COLLECTION—23 Choice Aquatic Plants, to include (our selection) 6 plants for centerpiece or background; 14 plants for corners or margins; 3 floating plants; 3 submerged plants.

Complete Collection.....\$3

POPULAR POOL COLLECTION—30 Choice Aquatic Plants, to include (our selection) 8 plants for centerpiece or background; 16 plants for corners or margins; 3 floating plants; 3 submerged plants.

Complete Collection.....\$4

MEDIUM POOL COLLECTION—38 Choice Aquatic Plants, to include (our selection) 10 plants for centerpiece or background; 16 plants for corners or margins; 6 submerged plants; 6 floating plants.

Complete Collection.....\$5

LARGE POOL COLLECTION—80 Choice Aquatic Plants to include (our selection) 32 plants suitable for corners or ledges, such as Taro, Arrowhead, Primrose Willow, Umbrella Palm, Parrots Feather, Forget-me-not, etc.; 36 submerged plants; 12 floating plants, such as Water Hyacinth, Water Fern, Shellflower, etc.

Complete Collection.....\$7.50

SPECIAL LARGE COLLECTION—92 Choice Aquatic Plants to include (our selection) 12 plants suitable for centerpiece or background; 32 plants suitable for corners or ledges; 36 submerged (oxygenating) plants; 12 floating plants.

This Big Collection, only.....\$10.00

"I have been intending to write for some time and let you know of the success I have had with my lily pool, and I want to thank you for the fine bulbs and plants you sent me."—Austin F. Henry, Albuquerque, N. M., Nov. 26, 1934.

Bog and Marsh Plants: Perennials

FLOWERING and foliage plants which give a luxuriant, tropical effect to the pool. Plant on wet banks or in ledges or pockets made about the sides of the pool, which are kept wet but not flooded. Some do well as house plants in the winter if kept well watered.

CRINUM (*C. americanum*)—Delights in plenty of water. Bears its large, fragrant white flowers in umbels of six to eight. 35c each, \$1 for three. **FORGET-ME-NOT** (*Myosotis palustris*)—See page 14.

GINGER or **BUTTERFLY LILY** (*Hedychium coronarium*)—In moist soil, makes good clumps 3 to 5 feet high, with garlands of sweet-scented, snow-white flowers. 35c each, \$1 for three.

YELLOW FLAG (*Iris pseudacorus*)—Attains a height of 4 feet in very wet soil and makes a very attractive clump for the edge of the pool or in natural plantings. Hardy. 75c for three, \$2.50 per doz.

MARSH IRIS (*I. versicolor*)—Native to brook-sides and marshes. Bears light purple flowers very freely in spring and early summer. \$1 for five, \$2 per doz.

JAPANESE or **WATER TARO** (*C. antiquorum illustris*)—A moderate-growing variety with beautiful green foliage splotted with purplish black. 50c each, \$1.25 for three.

JAPANESE or **WATER TARO** (*Colocasia multiflora*)—A very beautiful ornamental foliage plant for the border in wet soil. Grows 2 to 4 feet high, with large, rich green leaves on purple stems. 75c each, \$2 for three.

CARDINAL FLOWER (*Lobelia cardinalis*)—Thrives in low, wet places but does equally well in drier, shady locations. Ideal for adding a touch of color at the base of taller-growing shrubbery. \$1 for five, \$2 per doz.

LARGE BLUE LOBELIA (*L. siphilitica*)—A native species with beautiful large blue flowers. \$1 for five, \$2 per doz.

PAPER PLANT, EGYPTIAN (*Cyperus papyrus antiquorum*)—Makes a very attractive clump when well cared for with good soil and plenty of water, giving a tropic effect to the pool. 35c each, \$1.00 for three.

PRIMROSE WILLOW (*Jussiaea longifolia*)—A desirable edging plant, 2 to 3 feet high, the slender branches drooping at the tip. Alternate flowers of a pretty golden yellow. 35c each, \$1 for three.

THALIA (*T. dealbata*)—A stately, marginal aquatic, attaining a height of 6 feet when well grown. Delights in shallow water or wet bank. Its powdery, canna-like foliage and elegant panicles of purple flowers make it a most desirable plant for the border. 50c each, \$1.25 for three.

UMBRELLA PALM (*Cyperus alternifolius*)—A decorative sedge doing well in any soil. Does very well in wet soil but will grow in a dry location. \$1 for three, \$3 per doz.

DWARF UMBRELLA PALM—Similar to Umbrella Palm but of Dwarf variety. \$1 for 3, \$3 per doz.

WATER CLOVER—A four-leaf clover, which forms a pleasing pattern on the surface and in crowded spots. 6 for 50c, \$1 per doz.

HEDYCHIUM CHRYSOLEUCUM—Like Coronarium, but having light yellow flowers. \$1 for 3, \$3 per doz.

SPIDER LILY—A beautiful plant that produces clusters of spider-like, fragrant white flowers. \$1 for 3, \$3 per doz.

WATER MANNA GRASS (*Panicularia aquatica*)—A hardy, perennial grass suited to very low ground. Leaves narrow, striped white and green. 2 ft. 50c each, \$1.25 for three.

GREAT BULRUSH (*Scirpus lacustris*)—A very interesting rush 3 feet high. \$1 for three; \$2.50 per doz.

SPIRAL PALM—Similar in growth to the Umbrella Palm, but produces greenish white flowers. Plants from 3-inch pots. \$1 for three; \$2.50 per doz.

SWEET FLAG (*Acorus calamus*)—The well known Sweet Flag. \$1 for five; \$2 per doz.

CANNA FLACIDDA—An aquatic canna which grows about two feet tall and produces yellow flowers. It does well in shallow water. \$1 for three; \$2.50 per doz.

COLLECTION of 7 Bag and Marsh Plants \$1.50

COLLECTION of 15 Bag and Marsh Plants \$2.50

Most of the Perennials listed below are adapted to wet and very moist, well-drained soils. There are a number which will thrive equally well in moist or rather dry soils, and also a few preferring a dry location.

Single Varieties \$1 for 4, \$2.50 per doz.

AQUILEGIA—There are no more fit subjects for the moist, well-drained border or rockery about the pool than the Columbines.

A. ALPINA (Alpine Columbine)—Large blue flowers.

A. CANADENSIS (American Columbine)—The native, bright red and yellow Columbine.

A. CHRYSANTHA (Golden Columbine)—Beautiful, long-spurred yellow flowers.

ACHILLEA PTARMICA, BOULE DE NEIGE (Yarrow)—Large heads of pure white flowers.

HARDY ASTERS

The hardy Asters are of comparatively easy culture and produce their flowers in great profusion.

ASTER NOVÆ-ANGLIÆ (New England Aster)—Clusters of bright violet-purple flowers.

A. NOVÆ-ANGLIÆ ROSEA—Purplish mauve flowers.

A. NOVI-BELGI, CLIMAX—Large spikes of light lavender-blue flowers. Very showy.

A. NOVI-BELGI, WHITE CLIMAX—A variety of Climax with white flowers.

A. NOVI-BELGI, ST. EGWIN—Flowers a soft rosy pink. Plant of bushy habit.

HIBISCUS—Thrives in any soil. Excellent for mass plantings. New, Hybrid Hibiscus; flowers of enormous size in three colors, white, pink, crimson.

IRIS SIBIRICA, ORIENTALIS—Yale blue; long, narrow foliage.

I. SIBIRICA, SNOW QUEEN—Pure white; free-growing.

LYTHRUM SALICARIA ROSEUM (Rose Loosestrife)—A choice new variety of rosy Loosestrife. Excellent for naturalizing.

MONARDA DIDYMA (Oswego Bee-balm)—Brilliant scarlet flowers. Excellent for bold effects.

THALICTRUM POLYGAMUM (Fall Meadow-rue)—Large heads of white flowers. Delights in wet places.

CHELONE GLABRA (White Turtlehead)—An attractive perennial for a very moist location; white flowers.

C. LYONI (Pink Turtlehead)—Purplish pink.

EUPATORIUM URTICÆFOLIUM—A late summer-flowering plant, bearing many small white flowers in heads.

E. CŒLESTINUM (Mist Flower)—A profusion of ageratum-blue flowers from August until frost.

HELENIUM AUTUMNALE SUPERBUM (Sneezewort)—An immense bouquet of golden yellow flowers.

H. AUTUMNALE RUBRUM—Rich orange-red flowers.

H., RIVERTON BEAUTY—Odd flowers having a purplish black cone in center against a background of rich lemon-yellow petals.

HEMEROCALLIS—Day Lilies. Particularly suited for plantings about the pool or any bit of water.

H., DR. REGEL—Flowers bell-shaped; chrome-yellow.

H. FULVA—Trumpet-shaped orange flowers, with tawny shadings.

H. THUNBERGI—Large yellow flowers; late.

H. MIDDENDORFI—Flowers in bright yellow clusters; medium height.

HARDY PERENNIALS

| | |
|---|--------|
| 2 each of 5 varieties (10 plants)..... | \$2.00 |
| 4 each of 5 varieties (20 plants)..... | 3.75 |
| 5 each of 7 varieties (35 plants)..... | 6.00 |
| 5 each of 10 varieties (50 plants)..... | 7.50 |

DWARF HARDY PERENNIALS

For the Paved Walk or Rockery

ALYSSUM ROSTRATUM—Yellow.

ARABIS (Rock Cress)—White.

CERASTIUM (Snow-in-Summer)—White.

DIANTHUS (Maiden Pink)—Red.

HEUCHERA SANGUINEA—Pink.

IBERIS SEMPERVIRENS—White.

IRIS CRISTATA—Blue.

IRIS VERNA—Blue.

LYSIMACHIA NUMMULARIA—Yellow.

MENTHA (Mint)—Purple.

MYOSOTIS (Forget-me-not)—Blue.

NEPETA—Blue.

PHLOX (Moss Pink)—White, Pink, and Lilac.

PRIMULA VERIS (Cowslip)—Yellow.

SAXIFRAGA VIRGINIENSIS—White.

SEDUM in variety

SILENE SCHAFTA—Rose-pink.

THYMUS VULGARIS—Purple.

VINCA MINOR (Periwinkle)—Blue.

VIOLAS—Blue and white.

(All Rock Plants, single varieties.
\$1 for five; \$2 per dozen.)

DWARF PERENNIALS AND ROCK PLANTS

| | |
|---|--------|
| 2 each of 5 varieties (10 plants)..... | \$2.00 |
| 4 each of 5 varieties (20 plants)..... | 3.75 |
| 5 each of 10 varieties (50 plants)..... | 7.50 |

The SHUBUNKIN is one of the most attractive Goldfish for the Water Garden because of its extreme variation of coloring in red, black and blue patches against a pearl background. Shubunkins often are scaleless, and no two fish are at all alike. The Calico Fontails listed in our Goldfish Collections are somewhat similar in appearance, but have the body formation of the Fontails.

Goldfish for Water Gardens,

WATER GARDENING can hardly reach its best development without Goldfish in the Pool, so much do they contribute to its beauty and interest, and to easy success of its maintenance as well. Almost any outdoor Pool gives suitable conditions for the fish to increase in size and also to reproduce. Goldfish fed occasionally at the edge of the Pool will soon be inclined to school and approach the visitor at the Pool border, bringing life and color to the whole scene that could be had in no other way. Goldfish in the Pool will destroy insects and their larvae, and are especially effective in destroying mosquito larvae.

With the tremendous resources of Grassyfork Fisheries, Inc.—the world's largest commercial Goldfish Hatcheries—at our command, Hoosier Aquatic Gardens is able to offer you the utmost economy in Collections of Goldfish for the Pool, and to supply any special orders. We invite special inquiries.

Be careful not to overfeed Goldfish. In large Pools they will not require any feed other than what they find naturally. In small Pools some special feeding may be desirable. But even in indoor Aquariums the danger is that the fish will be fed too much. We supply a variety of special fish foods suitable for all feeding requirements. (See page 30.)

Goldfish may well be left in the Pool over winter if the water is deep enough not to freeze solidly to the bottom. Break a hole or two in the ice occasionally to increase air in the water. If you keep an indoor Aquarium, seine out the best specimens from the Pool for your enjoyment throughout the winter.

If the Pool must be drained for the winter, fish not to be kept in an Aquarium can be stored in tubs or other containers in the basement. Here the water must be changed occasionally, or a trickle of running water provided, unless you can transfer some sagittaria, myriophyllum or other oxygenating plants with the fish and establish balanced Aquarium conditions in the storage tubs. The use of our Galva-Tank is recommended for winter care of fish taken from the Pool. (See page 11.)

If you are interested in raising Goldfish in the Pool, get them in before the spawning season in early May. Provide root clumps of floating plants (Water Hyacinths, etc., page 15) or bunches of submerged grasses tied together and allowed to float (see Milfoil, page 15) in which the eggs will be deposited. It is difficult to determine the sex of Goldfish, and a dozen or more should be placed in the Pool if breeding is desired.



Aquariums, Pools, Fountains

"I never dreamed of a pool until I saw your advertisement last spring. My total expense was only a little over \$22 and if it cost me two hundred and twenty-two to build it over again I would build it just the same. I feel that for my first season I had excellent luck, thanks to you and your helpful suggestions. I want you to know how very pleased I am that I read your advertisement last spring and then built myself a pool and stocked it with your plants and animals."—John Henderson, Hingham Center, Mass., October 11, 1934.

GOLDFISH COLLECTIONS

The following collection is representative of our Grassfork Goldfish at the Indiana State Exhibit at "A Century of Progress Exposition."

WORLD'S FAIR SPECIAL

- 6 Pair Jap Fantails (5-inch)
- 1 Pair Giant Goldfish (10-12-inch)
- 3 Pair Shubunkins (5-inch)
- 1 Pair Young Giants (7-9-inch)
- 1 Pair Jap Fantails (6-inch)
- 6 Pair Select Comets (6-inch)
- A \$22 Value for.....\$15

POOL ASSORTMENT No. 1

- 2 Pair Shubunkins(4-5-inch) \$2.00
- 2 Pair Jap Fans(4-inch) 1.50
- 1 Pair Red Telescopes..(4-inch) 1.25
- 1 Pair Moors(4-inch) 1.50
- A dozen fancy fish that will add to the attractiveness of the most complete Pool.
- Collection Price, only\$4.75

POOL ASSORTMENT No. 2

- 3 Pair Jap Fantails (4-5-inch)
- 3 Pair Select Comets (5-6-inch)
- 1 Pair Young Giant Goldfish (7-9-inch)
- 1 Pair Shubunkins (4-5-inch)
- 16 Large Selected Goldfish.....\$4.50

POOL ASSORTMENT No. 3

- 6 Pair Selected Comets (3½-inch)
- 6 Pair Jap Fantails (3-inch)
- 6 Pair Shubunkins (3-4-inch)
- 36 Beautiful Goldfish\$5.50

FISH ASSORTMENT No. 2

- 3 Pair Jap Fantails (4-5-inch)
- 3 Pair Shubunkins (3-4-inch)
- 3 Pair Comets (4-5-inch)
- 3 Pair Chinese Telescopes (2½-inch)
- 24 Goldfish, only.....\$5.75

FISH ASSORTMENT No. 4

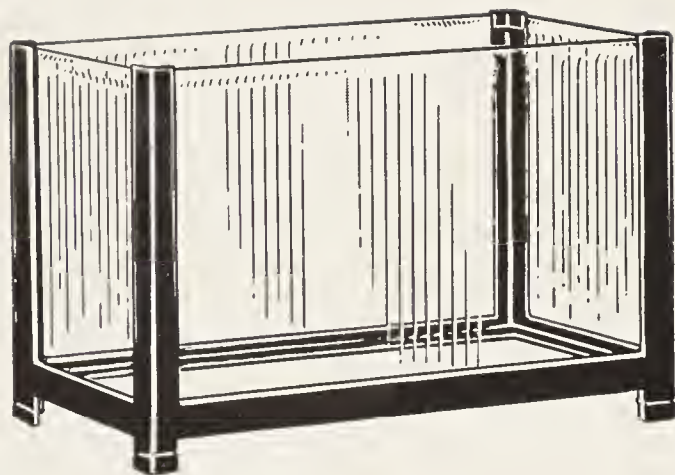
- 1 Pair Giant Goldfish (10-12-inch)
- 2 Pair Giant Fantails (7-8-inch)
- 1 Pair Black Chinese Moors (4-5-inch)
- 1 Pair Giant Comets (9-10-inch)
- 10 Giant Wonders for.....\$14.50

Goldfish must be shipped in cons. On small orders a charge of 50 cents is made for each con. Large cons are returnable by prepaid express at a cost of 20 cents a con. We ship Goldfish every day of the year. See instructions for receiving express shipments, page 2.

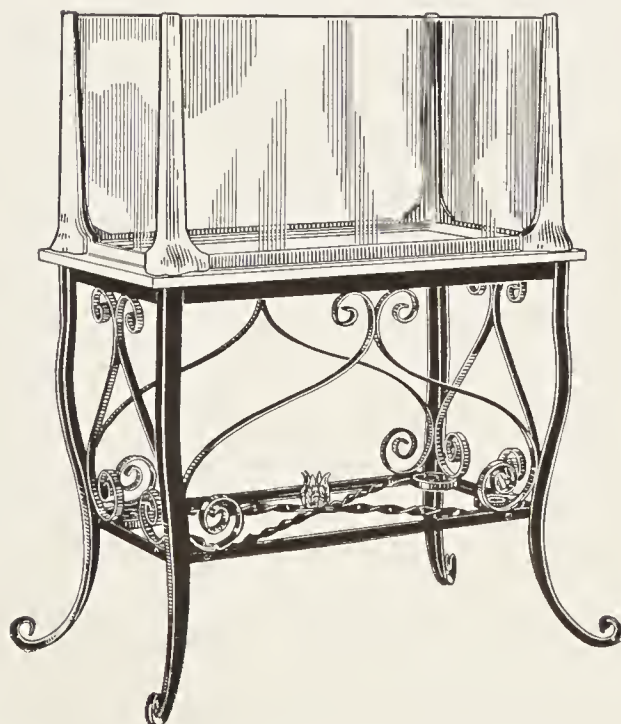
Upon receipt from shipping company, fishes should be given a salt bath; or better, use our Health Dip before placing them in the Pool or Aquarium. (See page 30.)

The COMETS are the speedsters of the Goldfish, their slender bodies and long, powerful fins making them extremely rapid swimmers. Fin developments vary considerably, and the so-called Ribbantails are Comet Goldfish with unusually deep cleft tail fins. The illustration gives a photographically correct interpretation of variations occurring, both as to fin developments and coloring, in the shipments our customers receive.

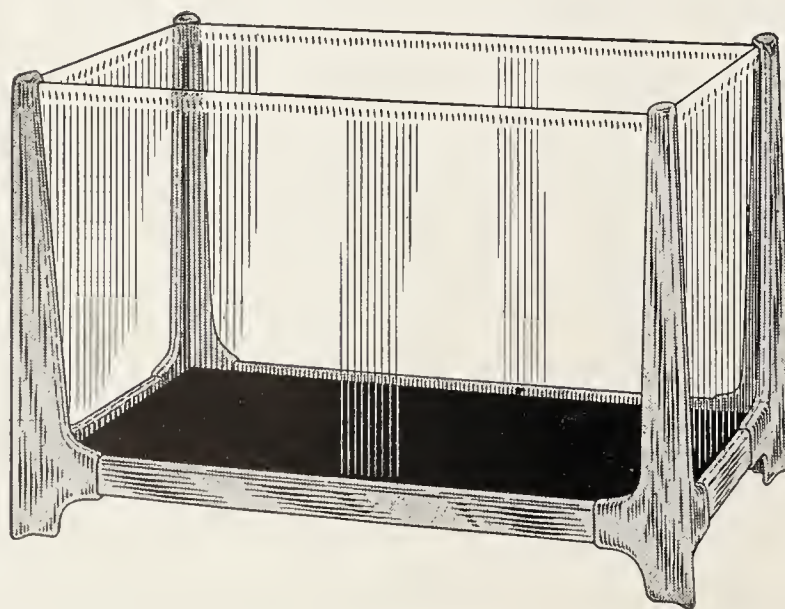




STYLE 200 AQUARIUM—This new popular-priced Aquarium has a steel frame without top members, the corner posts clamping the bulb-edge glass sides in place. Frame finish blue-black and green.



STYLE 911 DISPLAY AQUARIUM
with 451½-E Ornamental Stand.



STYLE 900 CAST ALUMINUM FRAME AQUARIUM—The cast aluminum Aquarium illustrated above is a beautifully designed and sturdy frame, without a top frame, the glass side pieces being bulb-edge glass with smooth strong edges.

Aquariums and Supplies for Indoor

AN AQUARIUM soon becomes indispensable to the Water Gardener, for he will wish to preserve some of the beauties of his garden indoors throughout the winter in a suitable Aquarium. We are able to supply you the famous products of Grassyfork Fisheries, and those enthusiasts who desire a large Aquarium where an abundance of fish and Water Plants may be supported the whole year round can find a very attractive range of special selections through us. Special inquiries for such orders are solicited.

A safe rule for stocking the Aquarium with Goldfish is to have not more than *two inches of body length* for each gallon of water. Thus two very small fish each one-inch long (exclusive of the tail fin) will require one gallon of water, and one four-inch fish will require two gallons of water. Select your Aquarium first of all to provide for your desires as to the number and size of fish to be kept.

The Aquariums illustrated on this page provide a wide range of sizes and qualities for your selection. We carry the largest stock of Aquariums and Aquarium Supplies in the country and will be pleased to answer any inquiries. (See pages 30 and 31.) Descriptive folder sent on request.

PRICES OF AQUARIUMS

Style 100—Steel Frame Aquarium.

Green finish. With or without footings. Specify choice on orders.

| | |
|-----------------------------------|--------|
| No. 101—10x 6 x 7; 2-gal. | \$1.00 |
| No. 102—12x 7 x 7; 3-gal. | 1.50 |
| No. 103—14x 8 x 10; 5-gal. | 2.50 |
| No. 104—16x 9½x 10; 6-gal. | 3.00 |
| No. 105—18x 9 x 12; 8-gal. | 4.00 |
| No. 106—18x 11 x 12; 11-gal. | 5.00 |
| No. 107—22x 11 x 13; 14-gal. | 6.00 |

The above Aquariums are also furnished chromium plated at additional charges of \$0.95, \$1.10, \$1.40, \$1.75, \$1.90, \$2.25 and \$2.75 each in the order shown above.

Style 140—Steel Frame Aquarium.

Green lacquer finish. With or without footings. Specify choice on order.

| | |
|--------------------------------|--------|
| No. 142—16x5¾x 11; 4-gal. | \$2.00 |
|--------------------------------|--------|

Style 150—Window Ledge Aquariums.

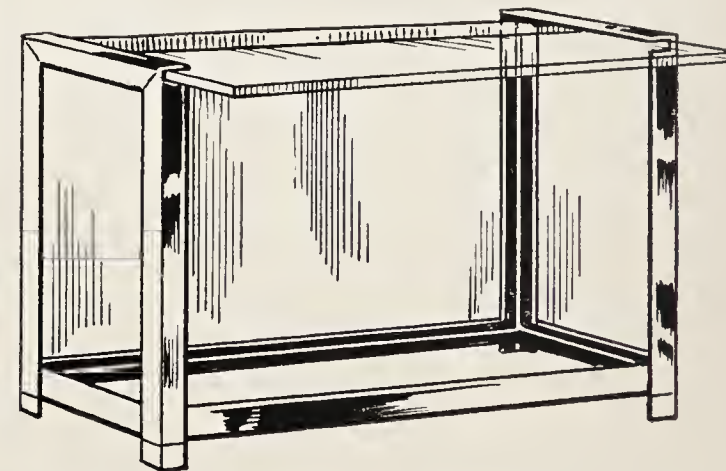
Steel Frame, Green Lacquered, Slote Base.

| | |
|---------------------------------|--------|
| No. 153—28½x7½x 10; 8-gal. | \$5.50 |
|---------------------------------|--------|

Style 200—Metal Frame Aquariums.

(Additional sizes made to order.)

| | |
|--------------------------------|--------|
| No. 201—10x6 x 7; 2 -gal. | \$1.25 |
| No. 202—12x7 x 7; 3 -gal. | 2.00 |



STYLE 313-A COVERED AQUARIUM—This attractive chromium-plated frame is cleverly devised to hold a sliding glass top and makes the aquarium ideal for Tropical Fish. The sides have smooth bulb-edge glass.

Displays of Ornamental Fish

No. 203—14x8 x10; 5 -gal. 3.00
 No. 204—16x9½x10; 6.5-gal. 3.50
 The above Aquariums also supplied in aluminum or chromium plate finish. Prices on request.

Style 200-A—Covered Aquariums.

(We will gladly quote on other sizes on request.)

No. 201-A—10x6 x 7; 1.8-gal.\$1.50
 No. 202-A—12x7 x 7; 2.5-gal. 2.25
 No. 203-A—14x8 x10; 4.8-gal. 3.50
 No. 204-A—16x9½x10; 6.5-gal. 4.00

The above Aquariums are also supplied in aluminum and chromium plate finishes. Prices on request.

Style 313-A—Covered Aquariums.

With Chromium-plated Frame and Sliding Glass Cover for Tropical Fish.

No. 313-A—14x8x10; 5-gal.\$4.50

Style 420—Angle Iron Frame.

Green Lacquer Finish.

No. 420—22x13x14; 17-gal.\$7.50

Style 420-A—Angle Iron Frame.

Chromium-plated.

No. 420-A—22x13x14; 17-gal.\$12.00

Style 850—All Glass Aquariums.

No. 853 — 9¾x 7 x 7¼; 2 -gal. 1.95
 No. 854 — 9¾x 6¾x 8½; 2½-gal. 2.35
 No. 855 — 11¾x 7¾x 9½; 3 -gal. 2.95
 No. 856 — 14¼x 9½x10 ; 5 -gal. 4.25
 No. 857 — 16½x11 x11 ; 7 -gal. 5.50

Style 900—Beautiful, Polished Cast Aluminum Frame, Extra Heavy Bulb Edge Glass. In Four Sizes.

No. 901—12x 7x 8; 3-gal.

Aquarium only, \$6; with S-19 stand, \$11

No. 902—16x 9x10; 6-gal.

Aquarium only, \$8; with S-20 stand, \$14

No. 903—20x11x11; 11-gal.

Aquarium only, \$12; with S-21 stand, \$20

No. 911—34x18x16; 30-gal.

Aquarium only\$30

With special 451½-E Ornamental Heavy

Iron Stand illustrated on page 22.....\$50

Style 940—Polished Aluminum Frame Aquarium.

With Riveted Corner Braces.

No. 947—22x13x14; 17-gal.....\$10.50

Style 950—Window Ledge Aquarium.

Aluminum Frame, Polished, Extended Slate Base.

No. 953—28½x7½x10; 8-gal.\$7.50

Style 960—Aluminum Frame Aquarium.

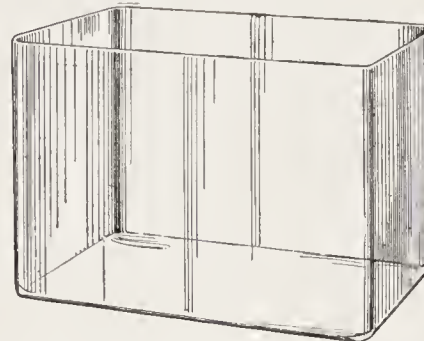
With or Without Fastings. Specify choice an order.

No. 961—10x 6 x 7; 2-gal.....\$1.25

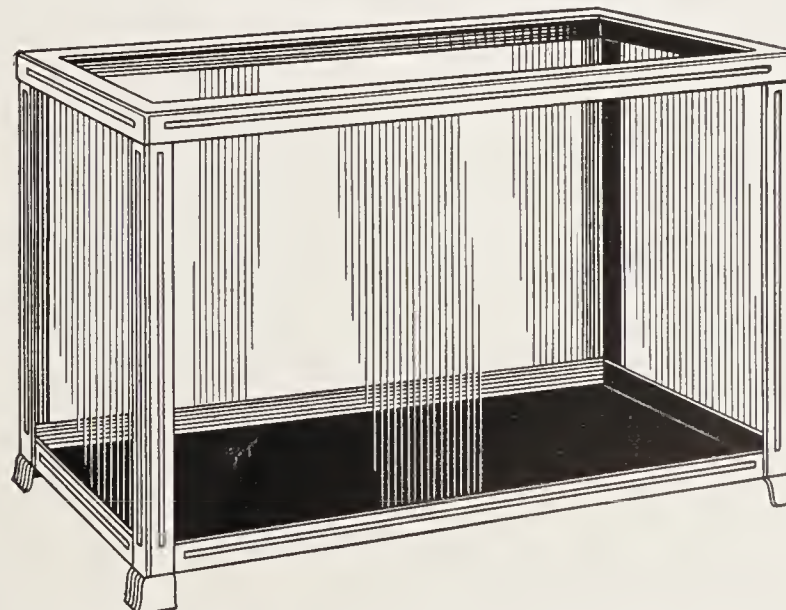
No. 962—12x 7 x 7; 3-gal..... 2.00

No. 963—14x 8 x10; 5-gal..... 3.00

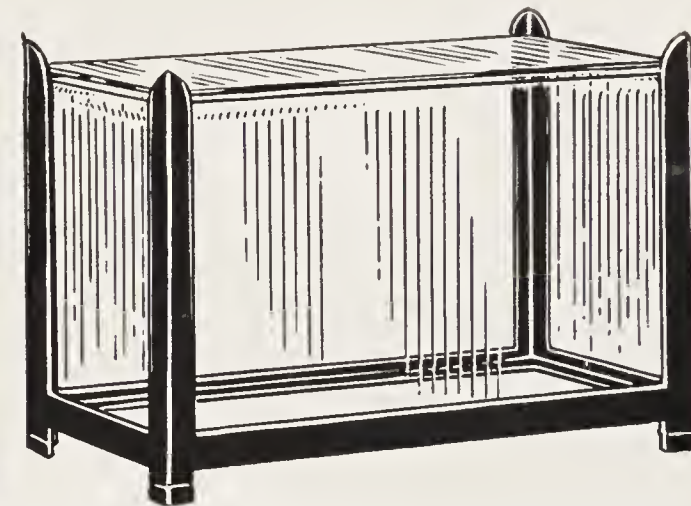
No. 964—16x 9½x10; 6-gal.....3.50



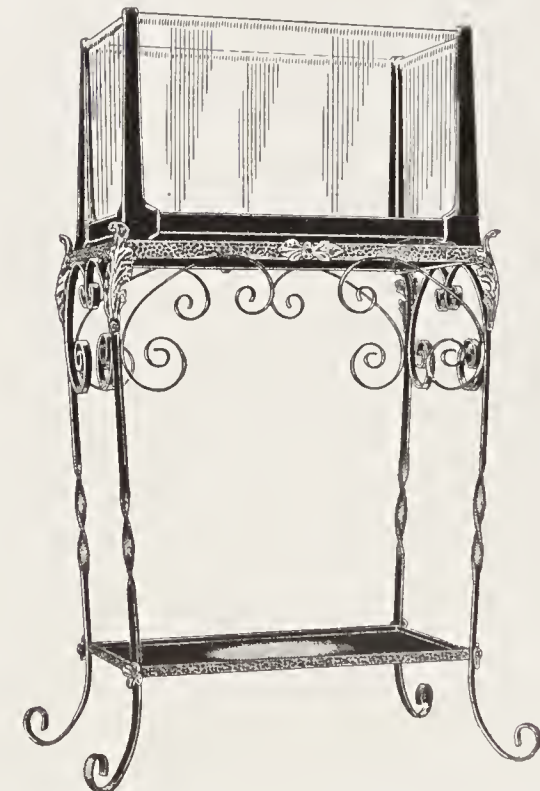
STYLE 850 ALL-GLASS AQUARIUM—An all-glass Aquarium is superior in appearance under some conditions to any framed Aquarium, however attractive in design. We supply this crystal-glass, one-piece Aquarium in six sizes up to seven gallons capacity.



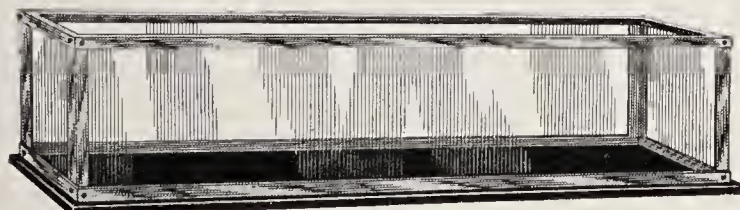
STYLE 100 AQUARIUM—The Aquarium shown above is the economical welded steel-frame type, the frame finished in green, the crystal glass sides set in a special leak-proof cement. We supply this cement in convenient home-size packages for repair of breakages or other damage. (See page 31.)



STYLE 200-A AQUARIUM—This Aquarium of the same design and finish as Style 200 has special corner posts which hold in place a glass cover, making it ideal for Tropical Toy Fish.



AQUARIUM AND FLOOR STAND—We supply many styles of floor stands for Aquariums, one of the most popular being the Style S-21 illustrated. This is in three sizes, Style S-19 for the 901 (3-gallon), Style S-20 for 902 (6-gallon) and Style S-21 for 903 (11-gallon) aluminum frame Aquariums.



WINDOW LEDGE AQUARIUM—Window Ledge Aquariums are especially suitable for many interiors and the style illustrated above will fit nicely in almost any window. We supply this style with either a welded steel frame (No. 150) or a polished angle aluminum frame (No. 950).

The FANTAILS are among the most attractive of Goldfish for the Water Garden, their slow, graceful swimming motions displaying the beauty of their elaborate fin developments. Japanese Fantails are those of short, plump bodies, and the American Fantails have body developments more nearly like the Common Goldfish—larger and flatter than the Japanese. Japanese Nymphs resemble the Fantails below in body shape, with less fin development.



..... Popular Priced Collections of

COLLECTION OF YOUNG GIANTS

- 2 Pair (7-9-inch) Young Giant Goldfish \$3.00
 - 2 Pair (6-7-inch) Extra Large Comets.... 3.00
 - 2 Pair (6-inch) Extra Large Shubunkins 4.00
- Develop the big ones yourself.

Collection Price, only\$7.50

UNIQUE COLLECTION

- 2 Pair (7- 9-inch) Young Giants\$3.00
 - 1 Pair (10-12-inch) Giants 3.00
 - 2 Pair (6- 7-inch) Extra Large Comets 3.00
 - 2 Pair (6-inch) Extra-Large Shubunkins 4.00
- Fourteen beautiful, active fish for the medium large Pool or fountain basin.

Collection Price, only\$10.50

HARDY COLLECTION

- 3 Pair Comets (5-inch).....\$2.25
- 6 Pair Common (5-inch) 2.00
- 2 Pair Shubunkins (5-inch) 2.00

A good collection of hardy, active fish for the smaller pool.

Collection Price, only\$5.25

COLLECTION OF GIANTS FOR FOUNTAIN BASIN OR LARGE POOL

- 2 Pair (10-12-inch) Giant Goldfish\$6.00
- 1 Pair (10-12-inch) Giant Orioles 4.00
- 1 Pair (10-12-inch) Giant Pearls 4.00
- 1 Pair (10-12-inch) Giant Comets 4.00

These ten fish will make an impressive display. You will be proud to own them.

Collection Price, only\$12.50

FOR THE SMALL POOL

- 2 Pair Jap Fans (4-inch)\$1.50
- 2 Pair Jap Nymphs (4-inch) 1.00
- 4 Pair Comets (3½-inch) 1.20

Sixteen fancy fish suitable for the Small Pool or Aquarium.

Collection Price, only\$3.00

GOLDFISH LIST

Select Common Goldfish

A first-class strain, exceptionally active and brilliantly colored. Unequaled for Pools or large ponds.

- 4-inch.....\$1.50 per doz.; \$10 per 100
- 5-inch.....\$2.00 per doz.; \$15 per 100
- 6-inch.....50c per pr.; \$2.50 per doz.

Shubunkins

A single tail variety of recent introduction. Beautifully colored in red, blue and black against a pearl background. Unusual and very striking. Excellent for Pool or Aquarium.

- 3-inch.....\$1.50 per doz.
- 4-inch.....\$2.50 per doz.
- 5-inch.....\$1 per pr.; \$3.50 per doz.

Young Giants

Strong, hardy, well-colored Giant Goldfish of medium development, ranging in size from 7 to 9 inches. Excellent for spawning.

Price \$1.50 per pair; \$7.50 per dozen

Japanese Nymphs

Gold, black and white coloring. Very short egg-shaped bodies with large fins and broad tails. Active.

- 3-inch.....\$1.75 per doz.
- 4-inch.....\$3.00 per doz.
- 5-inch.....75c per pr.

Selected Comets

Similar to Common Goldfish, but with more slender bodies, longer tail and fin development, and much greater rapidity of movement.

- 3½-inch.....\$1.75 per doz.
- 5-inch.....75c per pr.; \$3.50 per doz.
- 6-inch.....\$1.00 per pr.; \$5 per doz.

Chinese Red Telescopes

Like the "Chinese Moors," except that these fish are red in color.

- 2½-inch.....75c per pr.; \$3.50 per doz.
- 3-4-inch.....\$1.25 per pr.; \$6.25 per doz.
- 4-5-inch.....\$2.00 per pr.

Goldfish for Pools and Aquariums

Japanese Fantails

A beautiful variety, with red-gold body, marked with black or white. The tail is double and spread fanlike, hence the name.

3-inch.....\$2 per doz.
4-inch.....75c per pr.; \$3.50 per doz.
5-inch.....\$1.00 per pr.; \$5 per doz.

Chinese Moors

A unique and exotic fish with large, protruding "telescopic" eyes, short, plump bodies and fan-like tails. Color, a dense, velvety black.

2 1/2-inch.....\$1.00 per pr.; \$4 per doz.
3-4-inch.....\$1.50 per pr.; \$7.50 per doz.
4-5-inch.....\$2.50 per pr.

Giant Shubunkins

For a unique display in the larger Pool, Giant Shubunkins. 8 inches.

\$5 per pair
\$25 per dozen

Large Japanese Fantails

Something different and just a little better. 6 inches.

\$3 per pair
\$15 per dozen

Giant Japanese Fantails

For an exceptional display of Goldfish, there is nothing finer. 8 inches.

\$5 per pair
\$25 per dozen

Extra Large Comets

These Comets are 6-7 inches in length.

\$1.50 per pair
\$7 per dozen

Extra Large Shubunkins

All the colors of the rainbow. Be sure to include a few of these 6-inch Shubunkins in your Pool Collection of fishes.

\$2 per pair

Giant Goldfish

These fish are selected breeding stock. Just the thing for the larger Pool. Exceptionally hardy and beautifully colored.

10-12-inch.....\$3 per pr.; \$15 per doz.

Calico Fantails

Beautifully colored like the Shubunkins, but having the divided or "fan" tail.

2 1/2-inch.....\$1.00 per pr.; \$4 per doz.
4-inch.....\$1.50 per pr.
5-inch.....\$2.50 per pr.

Calico Telescopes

Like the Calico Fantails; having in addition the large, protruding "telescope" eyes.

2 1/2-inch.....\$1.00 per pr.; \$4 per doz.
4-inch.....\$1.50 per pr.
5-inch.....\$2.50 per pr.

Giant Comets

Long, slender bodies, very active.

10-inch.....\$3 per pr.; \$15 per doz.
12-inch.....\$4 per pr.; \$20 per doz.

With every shipment of fish we send a pamphlet giving detailed instructions for their care and feeding, and for care in winter. Be sure to read the shipping instructions and terms on page 2, so that your order will be clear to us and you will be able to handle the fish shipment satisfactorily upon its arrival.

"Last spring we built an informal pool in our garden with a rock-garden background . . . Our pool was stocked with your 'Popular Priced Collection of Lilies, Plants and Ornamental Fishes for Small Pools,' listed at \$8.75 in your 1934 catalog, page 17 . . . with WONDERFUL results. The lilies have been in constant bloom since early June; the water plants have multiplied until it has become necessary to remove some of them from the pool . . . We now have ten young fish about 2 inches long. We also have a couple frogs large enough to make good eating . . . All in all we are ardent supporters of Hoosier Aquatic Gardens."—Elmer F. Obley, Wilson, Penna., Sept. 16, 1934.

CHINESE TELESCOPES and CHINESE MOORS lend variety and interest to any Goldfish group. The Telescopes are so-called because of their oddly protruding eyes. Body and fin developments range between the Fantails and the Nymphs. Moors might well be described briefly as velvety black Telescopes, their body and fin developments being quite as striking usually as the finest Fantails. Their dense, velvety black color is a striking contrast to other fish in Pool or Aquarium.



Tropical Toy Fish Bring New Beauty, Pools and Aquariums

EXPLORATION of the waters of the world has in the last few decades brought discoveries of many tiny, colorful fish, chiefly from tropical waters, that can be reared in pools and aquariums. Amazing, brilliant coloring; body shapes from the beautiful to the fantastic; and living habits of never-ending variety and interest which seem to illustrate in vivid detail many of the characteristic moods and behaviors of human beings, make these brilliant, astonishing creatures commonly known as Tropical Fish the most fascinating specialties for the water gardener and aquarist. More than 600 varieties of pool and aquarium pygmies are known to the zoologist. We supply half a hundred of the most interesting and ornamental of this enormous selection. Write for complete descriptions and details of Tropical Toy Fish varieties.

Most of the Tropical Fish require water temperatures of 70 to 80 degrees. Some of them can be kept in the outdoor pool only during the hottest season; and the aquarist may well find it necessary to supply a source of heating even for the indoor aquarium. This is so simple and economical, however, that many thousands of American homes are enjoying the delightful tropical aquarium.

With each shipment of Tropical Fish we supply free a pamphlet of instructions for their care. Toy Tropical Fish usually breed freely, even in the indoor aquarium. Some of them reproduce as do Goldfish, spawning their eggs in convenient grasses or roots where the sunshine will warm and hatch them. Some of the spawners build their own nests in a curious manner

by blowing bubbles in which the eggs are floated at the surface of the water. Some of the Tropical Fish carry their eggs in their mouths to incubate them, and are commonly called mouth breeders; and the newly hatched young use the mother's mouth as a refuge from danger and a resting place until they are ready to shift for themselves. Other varieties of Tropical Fish are viviparous, or live-bearing.

Some varieties of the Toy Tropical Fishes are vicious fighters, and must be separated by species in the aquarium. Indeed in a few varieties the males will even attack the females except when spawning. The other varieties will live peaceably among themselves in aquariums.

PRICES

BUBBLE-NEST BUILDERS

| | Per Pair | 6 Only (Three Pair) | Per Dozen (Six Pair) |
|--|----------|------------------------|-------------------------|
| Dwarf Gourami (Colisa lalia)..... | \$1.50 | \$4.00 | \$6.00 |
| Three Spot or Spotted Gourami (Trichogaster trichopterus)..... | 1.50 | 4.00 | 6.00 |
| Paradise Fish (Madropodus viridi auratus)..... | .75 | 2.00 | 3.50 |
| Betta Cambodia | 1.00 | 2.50 | 4.00 |
| Cornflower Blue or Blue Betta (Betta Cyana)..... | 1.00 | 2.50 | 4.00 |
| Green Betta (Betta Smaradgreen)..... | 1.00 | 2.50 | 4.00 |
| Betta Splendens & Rubra..... | 1.00 | 2.50 | 4.00 |

LIVE-BEARING VARIETIES

| | | | |
|--|------|------|-------|
| Gold Platys or Moons (Platy poecilus maculatus)..... | .75 | 2.00 | 3.50 |
| Black Platys or Moons (Platy poecilus maculatus)..... | .75 | 2.00 | 3.50 |
| Pure Red Platys or Moons (Platy poecilus maculatus)..... | .75 | 2.00 | 3.50 |
| Blue or Green Mirror Platys or Moons (Platy poecilus maculatus)..... | .75 | 2.00 | 3.50 |
| Mexican Swordtails (Xiphophorus helleri)..... | .75 | 2.00 | 3.50 |
| Red Helleri | 1.50 | 4.00 | 6.00 |
| Guppies or Rainbow Fish (Lebistes reticulatus)..... | .25 | .65 | 1.25 |
| Sailfins (Mollienisia latipinna)..... | .75 | 2.00 | 3.50 |
| Spotted Mollienisia (Black Spotted Mollienisia)..... | .75 | 2.00 | 3.50 |
| Jet Black Mollienisia (Sphenops Var)..... | 3.00 | 8.00 | 12.00 |
| Mosquito Fish (Heterandria formosa)..... | .35 | .85 | 2.00 |

EGG-LAYING VARIETIES

A. The Cichlids

| | | | |
|--|------|-------|-------|
| Angel Fish (Pterophyllum Scalare)..... | 2.00 | 5.00 | 8.00 |
| Selected Angel Fish (Extra Large)..... | 4.00 | 10.00 | 18.00 |

B. The Characinidae Fishes

| | | | |
|---|------|------|------|
| Tetra Von Rio (Hyphessobrycon Flammeus)..... | .75 | 2.00 | 3.50 |
| Silver Tetra (Ctenobrycon Spilurus)..... | .75 | 2.00 | 3.50 |
| Tetra Von Buenos Aires (Hemigrammus Caudovittatus)..... | .75 | 2.00 | 3.50 |
| Pristella Riddlei (Pristella Riddlei)..... | 1.00 | 2.50 | 4.00 |
| Copper Spot Tetra (Hemigrammus Ocellifer)..... | 1.00 | 2.50 | 4.00 |
| Blood Fins (Aphyocharax Rubropinnis)..... | 1.00 | 2.50 | 4.00 |

C. The Cyprinodontidae

| | | | |
|--|-----|------|------|
| Spotted Danio (Brachydanio Alnipunctatus)..... | .75 | 2.00 | 3.50 |
| Zebra Fish (Brachydanio Rerio)..... | .50 | 1.25 | 2.00 |
| Pearl Danio (Danio Albolineatus)..... | .75 | 2.00 | 3.50 |
| Giant Danio (Danio Malabaricus)..... | .75 | 2.00 | 3.50 |
| Rosy Barb (Barbus Conchonus)..... | .75 | 2.00 | 3.50 |
| Striped Barb (Barbus Semifasciatus)..... | .75 | 2.00 | 3.50 |

CONDITION OF SALES

Toy Tropical Fish are shipped in ordinary cans from June 1 to September 1. Add 50 cents to remittances for can cost. No returns. Winter shipments, September 1 to June 1, are made in special cans for which a deposit of \$2.00 is required, to be refunded upon prepaid return of can; express cost 20c. For orders of Tropical Fish amounting to less than \$5.00, add 20 per cent. to prices quoted except on special Collections.

Color and Interest to Water Gardens,

Special Collections of Tropical Fishes

HARMONY COLLECTION

Suitable for a 10-gallon aquarium. Five distinct types of fish that will live peaceably together making an harmonious, happy family collection.

| | |
|--|--------|
| 1 pr. Helleri (Swordtails) | \$0.75 |
| 1 pr. Scalare (Angel Fish) | 2.00 |
| 1 pr. Black Platy (Moons) | .75 |
| 1 pr. Danio rerio (Zebra Fish) | .50 |
| 1 pr. Tetra von Buenos Aires (Hemigrammus caudovittatus) | .75 |
| 12 Selected Aquarium Plants | 1.00 |
| 1 Shipping Can | .50 |

\$6.25

Collection Price.....\$5.00

Every Aquarium to be kept in proper order and balance and insure healthy active fish should have the Aquarium plants included with our Harmony Collection of Toy Tropicals. We select twelve choice aquarium plants in variety sufficient to plant and balance a 10 to 12-gallon aquarium.

For the accommodation of the Harmony Collection of Tropical Fish and Plants we recommend our 11-gallon, Style 903, Cast Aluminum Aquarium. This Aquarium will blend harmoniously with any decorating scheme. A sturdy well-built article having a polished cast aluminum frame, heavy bulb edge glass, heavy processed glass bottom and guaranteed workmanship. (See illustration page 23.)

No. 903—11-gallon\$12.00
Ornamental Iron Stand 8.00

For those wishing a less expensive Aquarium we suggest our Style 150 Window Ledge Aquarium—10-gallon—\$5.50. (See page 23.)

LARGE AQUARIUM COLLECTION

This especially-priced assortment of popular Toy Tropical Fishes is a collection ideal for aquariums of eighteen to twenty gallons of water. No. 911 Aquarium, page 22.

| | |
|------------------------------|-------------|
| 2 pairs Guppies |\$0.50 |
| 2 pairs Black Platys | 1.50 |
| 2 pairs Red Platys | 1.50 |
| 2 pairs Zebra Fish | 1.00 |
| 1 pair Swordtails |75 |
| 1 pair Tetra von Rio |75 |
| 1 pair Jet Black Mollienisia | 3.00 |
| 1 pair Blood Fins | 1.00 |
| 1 Shipping Can |50 |

Regular value\$10.50

But we offer these for the low price
in COLLECTION, **\$8.50**
only.....

IDEAL COLLECTION OF TOY TROPICALS

An ideal assortment of Toy Tropical Fishes for a ten-gallon aquarium. Ten beautiful Tropicals (5 pair), both live-bearing and egg-laying types, that afford a choice happy family Collection.

| | |
|---------------------|-------------|
| 1 pr. Giant Danio |\$0.75 |
| 1 pr. Tetra von Rio |75 |
| 1 pr. Bloodfins | 1.00 |
| 1 pr. Rosy Barb |75 |
| 1 pr. Red Platy | 1.00 |
| 1 shipping can |50 |

\$4.75

Collection Price, only.....\$4

The Balanced Aquarium

THE TERM "balanced" is used to describe that condition in an Aquarium wherein the activities and functions of the fish are equaled by those of the plants. The Aquarium should be well planted, as the plants give off oxygen in sunlight or in good, strong light, and take in carbon dioxide which the fish exhale. Properly arranged, an Aquarium for either Goldfish or Tropical Fish need not have the water changed. Allow twenty square inches of water surface per inch of fish body for Goldfish, or two inches of body per gallon of water. When more Goldfish are kept, some water should be dipped out when they gasp at the top, and fresh, cool water added. In small Aquariums the water should be changed quite often, depending on the number and size of the Goldfish.

Tropical Fishes will do well even when crowded. They are native to warm waters wherein the oxygen content is usually very low. They therefore require little oxygen. However, their tanks should be well planted to provide a hiding place for the young. When well balanced, the water in

the Aquarium need never be changed. Add for evaporation only in *balanced Goldfish tanks* and in *all Tropical tanks*.

Scavengers should be introduced into every Aquarium. Snails are particularly useful in keeping the water and glass clear. They will also help to keep any fish food that may have fallen on the bottom cleaned up.

Should the water tend to become green, cut down the amount of direct light or sunlight the Aquarium gets each day. Very often a green condition will clear up of its own accord in a few days. This is the most desirable way to get rid of it, as it is likely to be a considerable period before that Aquarium will again become green; whereas those tanks cleared chemically or by flooding soon become green again.

FEEDING—This is an important matter for all types of fish kept in the Aquarium. We list several fish foods (see page 30), all tested by us and used for feeding our own stock. We suggest their use. Feed Goldfish every other day about as much as they will take in five minutes. If you would keep Goldfish in good condition, feed sparingly.

Feed adult Tropical Fish once a day about as much as they will eat in ten minutes. Avoid excess. Baby Tropicals should be fed two or three times a day. For the former, use our Tropic Food No. 1, for the young fish our Tropic Food No. 2. (See page 30.)

Be sure to remove all food that settles to the bottom of the Aquarium, as this decaying food will sour the water.

Choicest of Popular Evergreens



At the left is shown the tall and graceful ENGLISH JUNIPER, whose branchlets curve gently downward toward the ends.

The GOLDEN CANADA JUNIPER (shown below) spreads broadly from a procumbent base, lifting spreading branches having golden tips during most of the year. The bright green foliage of spring and summer is bronze in fall and winter weather.



ATREMENDOUS SUPPLY of the most popular evergreens for house and garden landscaping is growing in the enormous grounds of our great hatcheries about Martinsville.

We offer these trees with expert selection, packing and shipping at prices favoring the most generous planting plans you may desire for your grounds. All orders are filled with freshly-dug trees, packed immediately before shipment, assuring the best possible condition upon receipt by you.

Evergreens should be planted in the spring when the weather is wet and before the buds begin to swell; or they may be planted about the first of September.

HOW TO PLANT AND CARE FOR EVERGREENS

First, examine your shipment on arrival and before accepting it be sure the express agent, freight or truck office is informed of any damage in shipment.

2. Prepare your planting ground before the trees arrive. Dig up a space three to four feet in diameter for each tree and pulverize the earth thoroughly. If the soil is poor it is best to excavate it and fill in with good growing soil. Otherwise provide ample fertilization early enough before planting to insure a fertile soil.

3. Plant your trees as soon as received. Plant deeply, from two to six inches lower than the tree grew in the nursery. Work roots out into the earth as well spread as possible, *being very sure to pack the earth firmly and to bury every root*. Thoroughly soak the ground either before or after setting the tree in place—preferably both. When first planted trim all limbs *except the terminal bud tip limb* one-fourth to one-third.

4. When planting balled and burlapped evergreens excavate a hole twice the size of the tree ball and set tree without disturbing the burlap so that it will be two to six inches deeper than it grew in the nursery. Replace several inches of earth. Then open burlap wrapping and throw it back from the top of the root ball without breaking or disturbing the earth about the roots. Then fill, tamp thoroughly, and water well. The burlap will quickly rot out and a good quick start for your tree is favored.

5. Cultivate thoroughly and frequently throughout the year except in winter for three years. Water heavily every other day during the first two years after planting unless there is abundant rainfall. Each fall mulch the cultivated ground around the tree thoroughly with well rotted straw or old sawdust.

6. Protect young trees against damage by animals if necessary. A short piece of wire fencing set in the ground will usually suffice.

THE JUNIPERS

SPINY GREEK JUNIPER—(Juniperus Excelsa Stricta)

Of pyramidal form and rather low growing. Very compact foliage of light green color. Handsome in formal plantings. Must have plenty of sunshine but perfectly hardy to winter. Very rare and can offer a very limited number.

| | | |
|-------------------------|----------------|--------|
| 15 to 18 inch specimens | XX B & B..... | \$2.00 |
| 18 to 24 inch specimens | XXX B & B..... | 3.00 |
| 2 to 3 feet specimens | XXX B & B..... | 4.00 |

Evergreens are shipped only from Martinsville, Indiana, and all prices on these pages are f. o. b. Martinsville. Shipments made only April 1 to May 15 and September 1 to November 1. Canadian shipments will require the permits for plants described on page 2.

In descriptions of Evergreens the symbol X denotes that the tree has been transplanted in the nursery as many times as the X occurs. Each transplanting thickens the root system and improves the adaptability of the tree to further transplanting.

The symbol "B & B" indicates that the tree is shipped with a ball of earth about the roots bound in burlap wrapping—called "balled and burlapped."

IRISH JUNIPER—(Juniperus communis, hibernica)

A very compact narrow columnar form, perfectly hardy in the middle west. Requires copious watering during very dry weather. Very appropriate in foundation plantings and useful in formal plantings.

| | | |
|-----------------------|----------------|--------|
| 2 to 3 feet specimens | XXX B & B..... | \$2.50 |
| 3 to 4 feet specimens | XXX B & B..... | 3.50 |

BLUE JUNIPER—(Juniperus Virginiana Glauca)

An upright form of evergreen. Very blue foliage. During growing season is very silvery. No landscape planting complete without this beautiful Juniper. We have only a limited number to offer.

| | | |
|-------------|----------------|--------|
| 3 to 4 feet | XXX B & B..... | \$4.50 |
| 4 to 5 feet | XXX B & B..... | 5.50 |

TRAILING or SAVIN JUNIPER—(Juniperus Sabina)

This feathery juniper of dark green foliage is excellent for foundation planting. Very artistic, perfectly hardy. Suitable for formal plantings.

| | | |
|-------------------------|----------------|--------|
| 18 to 24 inch specimens | XX B & B..... | \$1.75 |
| 2 to 2½ feet specimens | XXX B & B..... | 2.25 |
| 2½ to 3 feet specimens | XXX B & B..... | 2.75 |
| 3 to 4 feet specimens | XXX B & B..... | 3.50 |
| 4 to 5 feet specimens | XXX B & B..... | 4.00 |



The COLORADO BLUE SPRUCE is generally regarded the most beautiful of the spruces. Widely popular for group plantings.

Direct from Our Huge Nurseries

PFITZER JUNIPER (*Juniperus Chinensis Pfitzeriana*)

One of the handsomest spreading Junipers. Silvery green foliage highly ornamental the year round. Tolerates partial shade, hence may be planted close to foundation on north side of house, yet endures sunshine perfectly.

| | | |
|-------------------------|-----------|--------|
| 18 to 24 inch specimens | XX B & B | \$1.50 |
| 2 to 2½ feet specimens | XXX B & B | 2.00 |
| 2½ to 3 feet specimens | XXX B & B | 2.50 |
| 3 to 4 feet specimens | XXX B & B | 3.50 |
| 4 to 5 feet specimens | XXX B & B | 4.50 |
| 5 to 6 feet specimens | XXX B & B | 5.00 |

ANDORRA-JUNIPER (*Juniperus Communis depressa plumosa*)

A very handsome spreading Juniper, excellent for border, rocky and terrace. Silvery green through spring and summer, pinkish to bronze purple in the fall and winter. Perfectly hardy to most severe winter and tolerant to most intense summer sun and heat.

| | | |
|-------------------------|-----------|--------|
| 12 to 18 inch specimens | XX B & B | \$2.00 |
| 18 to 24 inch specimens | XXX B & B | 2.50 |
| 2 to 2½ feet specimens | XXX B & B | 3.00 |
| 2½ to 3 feet specimens | XXX B & B | 3.50 |



The DOUGLAS FIR has beautiful, bluish green foliage in all seasons, and is very hardy and adaptable.

KOSTER JUNIPER (*Juniperus Virginiana kosteri horizontalis*)

This Juniper is a variation of the red cedar, hardy and resistant to disease. Spreading in growth, almost trailing in some specimens. Striking bluish green foliage. Excellent for rock gardens, pool borders, and foundation plantings.

| | | |
|------------------------|-----------|--------|
| 2 to 2½ feet specimens | XXX B & B | \$2.50 |
| 2½ to 3 feet specimens | XXX B & B | 4.00 |
| 3 to 4 feet specimens | XXX B & B | 5.00 |

GOLDEN CANADA JUNIPER (*Juniperus communis, canadensis aurea*)

A spreading Juniper with numerous ascending branches from a procumbent base. Tips of branches are golden during most of the year. The older foliage is bright green during spring and summer, turning to a bronze in the fall. One of the most beautiful of the prostrate Junipers. Suitable for foundation planting but requires more sunshine than the Pfitzer Juniper.

| | | |
|------------------------|-----------|--------|
| 3 to 3½ feet specimens | XXX B & B | \$2.50 |
| 3½ to 4 feet specimens | XXX B & B | 3.50 |
| 4 to 5 feet specimens | XXX B & B | 4.50 |

ENGLISH JUNIPER (*Juniperus communis, oblonga pendula*)

An upright form broader than the Irish Juniper and with curving pendulous branchlets. A very graceful form and must be seen to be appreciated. We have a limited number of very choice specimens.

| | | |
|-----------------------|-----------|--------|
| 6 to 7 feet specimens | XXX B & B | \$8.00 |
|-----------------------|-----------|--------|

THE PINES, FIRS AND SPRUCE

WHITE PINE—(*Pinus Strobus*)

Silvery foliage. Rapid grower, very suitable for the middle west. Useful as windbreaks or as specimen trees in the landscaping plan.

| | | |
|-------------------------|-----------|--------|
| 24 to 30 inch specimens | XXX B & B | \$1.00 |
|-------------------------|-----------|--------|

SCOTCH PINE—(*Pinus Sylvestris*)

One of the most useful pines for eastern and mid-western states. Bright green foliage of long needles and a rapid grower. Very hardy. Needs plenty of sunshine to be at its best. Excellent for windbreaks or landscaping.

| | | |
|-------------------------|-----------------|--------|
| 30 to 36 inch specimens | XXX B & B | \$1.25 |
| 18 to 24 inch specimens | XX (not balled) | .75 |

AUSTRIAN PINE—(*Pinus Nigra*)

A very compact and attractive pine with long dark-green needles. Very hardy but requires plenty of sunshine and room for full development.

| | | |
|-------------------------|------------------|--------|
| 18 to 24 inch specimens | XXX (not balled) | \$0.75 |
|-------------------------|------------------|--------|

DOUGLAS FIR—(*Pseudotsuga Taxifolia Glauca*)

One of the most adaptable of all Firs, and very beautiful foliage, bluish-green and very attractive at all seasons. Suitable for specimen trees only but will tolerate some shade. Very hardy.

| | | |
|-------------------------|-----------|--------|
| 18 to 24 inch specimens | XXX B & B | \$1.50 |
|-------------------------|-----------|--------|

JAPANESE YEW TREE—(*Taxus Cuspidata*)

The most beautiful of all exotic evergreens. Dark green foliage in winter, the tips are orange to gold in growing season. Tolerates an intense shade with no ill effects. Very hardy. We can offer a very limited number.

| | | |
|---------------|----------|--------|
| 18 to 24 inch | XX B & B | \$4.00 |
|---------------|----------|--------|

COLORADO BLUE SPRUCE—(*Picea Pungens*)

The most beautiful and most popular of Spruces. Foliage varies from light green to silvery blue. Very hardy. Needs sunshine and plenty of room. Ideal as a specimen tree.

| | | |
|--|-----------|--------|
| 12 to 18 inch heavy specimens, very choice color and shape | XXX B & B | \$4.00 |
| 12 to 18 inch heavy specimens, good color and shape | XXX B & B | 2.50 |

THE ARBORVITAE AMERICAN ARBORVITAE

One of our old established evergreens, admired by everyone. Our stocks are rather light but by shearing they will grow into dense specimens. Very hardy.

| | | |
|-------------------------|-----------|--------|
| 18 to 24 inch specimens | XX B & B | \$0.75 |
| 24 to 30 inch specimens | XX B & B | 1.00 |
| 3 to 4 feet specimens | XXX B & B | 1.50 |
| 4 to 5 feet specimens | XXX B & B | 2.50 |

Very Select PYRAMIDAL ARBORVITAE (*Thuja Occidentalis Pyramidalis*)

A tall pyramidal form of American Arborvitae, which is one of the very popular forms of the Arborvitae. The color is usually greener in winter than is the case with the other forms of the American Arborvitae. This is suitable for specimen or in group planting.

| | | |
|------------------------|-----------|--------|
| 2½ to 3 feet specimens | XXX B & B | \$1.50 |
| 3 to 4 feet specimens | XXX B & B | 2.50 |
| 4 to 5 feet specimens | XXX B & B | 3.50 |

WOODWARD GLOBE ARBORVITAE (*Thuja occidentalis woodwardi*)

An excellent variety of globe form which it maintains without shearing. Very dense foliage. Excellent for porch or entrance tubs.

| | | |
|------------------------|-----------|--------|
| 18 x 18 inch specimens | XXX B & B | \$1.50 |
| 24 x 24 inch specimens | XXX B & B | 2.00 |



The SPINY GREEK JUNIPER grows very compactly in a low, pyramidal shape, making it a handsome piece in formal group plantings.



One of the handsomest of the spreading juniper trees, the PFITZER JUNIPER, with its silvery-green foliage, is highly ornamental all through the year.

Aquarium Supplies

HOOISIER AQUATIC GARDENS specializes in the supplying to our customers of all useful equipments for the feeding of fish, maintenance of aquariums, and care of aquatic plants, and believe we have developed the most complete and economical service for our customers. Special inquiries are solicited and we will be pleased to assist you in any way possible.

Orders of \$2.00 or less require 25 cents for packing and postage, which amount must be added to value of items ordered.

FISH FOODS

GRASSYFORK GOLDFISH FOOD—A goldfish food supplying all necessary elements for keeping goldfish in a healthy, growing condition. \$1 per lb.

DRIED SHRIMP—The shredded meat of sea shrimp. An excellent concentrated food for Goldfish or Tropicals. 20c per box; 75c per lb.

GRASSYFORK TROPICAL FISH FOOD—15c per box, 2 boxes for 25c.

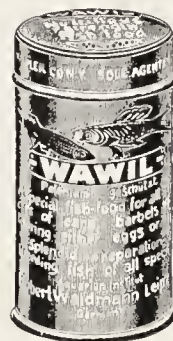
CONCENTRATED BABY GOLDFISH FOOD—40c per package, 3 packages for \$1.00.

TROPIC-FOOD NO. 1—An excellent balanced food for mature Tropicals. 30c per box.

TROPIC-FOOD NO. 2—Especially prepared for young and growing Tropicals. For size and color, use Tropic No. 2. 35c per box.

"I am pleased with everything I got from you. The Blue Lily has had one bloom; the yellow one is coming fine. Words cannot express my appreciation and gratitude to you people. I will never hesitate to praise your merchandise and your services anytime I have a chance. I am a satisfied customer."—Elizabeth Milligan, Buckner, Missouri, 1934.

WAWIL, a milk base imported Toy Tropical Fish Food. Excellent for producing food for baby tropicals. 20c per box, three for 50c.

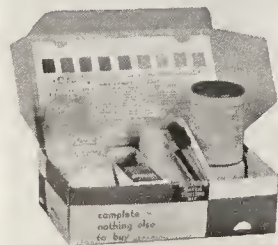


DRIED DAPHNIAE—Specially dried carcasses of the water flea, Daphniae, an excellent food for young and adult fishes, and the best substitute for living Daphniae, often difficult to obtain. \$0.20 per box, \$1 a pint.

REMEDIES

HEALTH DIP—Keep your fish in first class condition. Use Health Dip in the aquarium occasionally as a preventative against fungus, tail rot, etc. 15c per box.

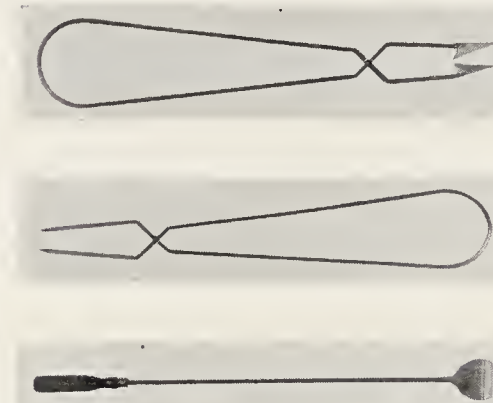
FUNGUS CURE—For definite cases of fungus, frayed fins, and general run-down condition. 15c per box.



AQUARIUM TESTING KIT—This Chambers Aquarium Water Testing Kit is based upon a thorough study of fish in aquariums. This

complete outfit for testing the acidity or alkalinity of water contains 1 color chart for comparing tests, 1-ounce dropper bottle Bromothymol Blue, 1 tube for making test, 1 separate dropper for taking water specimen, 1 glass marking pencil, 1 record chart, full directions for making test and 1 bottle of Acid Sodium Phosphate for correcting alkaline conditions. Also 1 bottle Sodium Bicarbonate for correcting acid conditions. (Note: Bromothymol Blue indicator covers pH range from 6.0 to 7.6.) Complete testing kit, \$2.00.

SUPPLIES



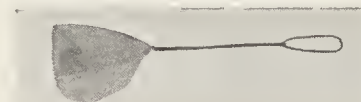
HANDY AQUARIUM TOOLS as illustrated above make aquarium work clean and easy. Complete set, three pieces, \$3.50.

REFLEX PLANT SNIPS for trimming and handling aquarium plants rapidly and easily, 19 inches long. Each \$1.50.

SIMPLEX TONGS—19 inches long—will handle anything in the aquarium from a grain of sand to pieces an inch or more wide. Each \$1.

GLASS SCRAPER—19 inches long—with renewable razor blade scraper and felt pad wiper combined will clean glass of aquariums rapidly and perfectly. Each \$1.50.

NETS—Fish should never be handled. Use a net when transferring them. 4-inch, wood handle, 15c each; 6-inch, wood handle, a strong net for large goldfish, 25c each.



TROPICAL FISHNET—A wire handled net with gauze bag especially made for handling the little Toy Tropical Fish: 3-inch net, 10c each; 4-inch, 15c; 5-inch, 20c.

POOL NET—The net you have been looking for with handles from 2 ft. to 5 ft. long, light weight, varnished handle; heavy galvanized wire frame for net, 8 inches square, fastened to handle so it can't come loose. Heavy regular fishing netting of 1/4-inch mesh with six-inch sag, ample for even the largest fishes. A practical and inexpensive large net for working about the pool; to remove dead leaves that may blow in from surrounding shrubbery; also, for handling fish for breeding purposes or when removing them in the fall. Suitable mesh for all Goldfish and the larger Tropicals, each \$1.00.



FLOATING FEEDER of glass tubing which will confine food and prevent scattering and pollution of aquarium. Large size, 3 1/2 inches square, each \$0.15; small size, 2 1/2 inches square, each \$0.10.



FLOATING CORK WORM FEEDER, especially designed for feeding to Toy Tropical Fish the Enchytrae Worms so essential for healthy fish. Each only \$0.25.



AUTOMATIC GLASS SYPHONS—Self-starting; will drain bowl or aquarium completely. Indispensable for removing sediment. 50c each.



ALL-GLASS BREEDING TRAPS, excellent for saving young fish. Suspend from sides of aquarium by glass lip. Each, 50c; three for \$1.25.

"I intended to write sooner and compliment you on the wonderful Goldfish I received from you last week. They were far above my expectations, especially as to size, and they sure were full of life."—E. W. Meyer, Reedsburg, Wisc., May 9, 1934.



"CHILL-BREAKER" Heaters—Keep the temperature right and avoid trouble. 25 watt for 10 gallons or less, 40 watt for 15 to 35 gallons, 75 watt for 35 to 55 gallons; all capacities \$1.50 each.

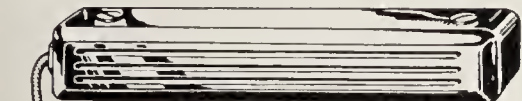
THERMO CUT-OUT—A thermostat designed for control of "Chill-Breaker" and all other heaters, and will serve well for controlling any regular aquarium-heating device; each \$1.25.

CHEMICAL SHELLS—Molded like sea shells. Act as water purifiers; neutralizing excess acids or alkalis and as an aid in destroying fish disease germs and green scum. Each 10c.

CHROMIUM AQUARIUM HEATER—Automatic, Thermostatic—Simple, durable and effective; will maintain a mean temperature of 80 degrees in most any aquarium. All capacities: 25 watt up to 5 gallons, 40 watt up to 10 gallons, 75 watt up to 20 gallons; each \$2.25.



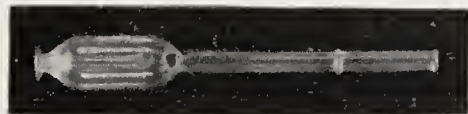
THERMOMETERS—Five-inch wine-spirit floating Fahrenheit thermometers; each 25c, three for 60c.



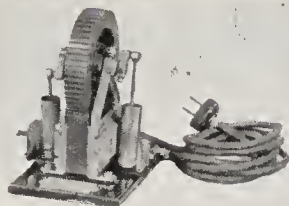
AQUARIUM LIGHT—Your aquarium will be more enjoyable if well lighted by this convenient bronze or chromium plated aquarium light (specify which is desired when ordering), which attaches by suction cups at any place on sides or ends and is easily adjusted to throw light to the best advantage through aquarium plants and ornaments. Each only \$3.00.



WATER FILTER—This jar of chemically treated filter material will end your aquarium trouble from impure water, whether natural or a city supply overcharged with chlorine and other chemicals. Merely set connector over faucet and fill aquarium from rubber tubing attached to jar outlet. No tools needed. Each \$6.00.



DIPTUBES—These tubes make it easy to remove sediment from aquariums without emptying them. Two sizes, 10 inches and 14 inches long. Small size, each 25c; large size, each 35c.



SAJA AERATOR PUMP—A convenient and very economical installation pumping air through the aquarium water. Made with one cylinder or with two cylinders. One cylinder size, each \$9.00; two cylinder size, each \$12.00.

AQUARIUM GRIT—A coarse two-color gravel, selected for aquarium use. Especially useful for rooting aquatic plants. 5-lb. bag, 30c; 10-lb. bag, 50c; 25-lb. bag, \$1.00.

SILVER SAND—A fine pure white sand which beautifies any aquarium floor and forms a fine covering for rootbeds for aquatic plants. 5-lb. bag, 30c; 10-lb. bag, 50c; 25-lb. bag, \$1.00.

SEAL-TITE AQUARIUM CEMENT—For best results, aquarium cement should be mixed with the proper grade of oil in the right proportion. The proper amount of especially prepared oil is included with each package of SEAL-TITE powder. One pound per carton, each 50c.

SEAL-TITE READY MIX—All the excellent features of SEAL-TITE Cement, without the bother of mixing. Remains plastic and is unexcelled for quick repairs of breaks or leaks in aquariums. One pound carton, 75c.

.....Amphibia and Snails

SNAILS, Turtles, Salamanders, Fresh Water Clams or Mussels and like amphibian creatures are not only oddly interesting, but also perform diligently the task of keeping the pool or aquarium free from decaying or other foreign matter, algae, and green scum, keeping the water at that crystal clearness so much desired.

NOTE: Shipping cans are required for Tadpoles. All other scavengers may be shipped in damp moss. When fish and scavengers are both included in the order, scavengers will be shipped in container with the fish whenever possible. On orders of \$2 or less, **INCLUDE** 25 cents for postage and packing.

JAPANESE LIVE-BEARING SNAILS—One of the best scavengers for Pool or Aquarium. Large, live-bearing, active, hardy. 3 for 25c; per dozen 75c; per hundred \$5.00.

BLACK RAMSHORN SNAILS—Having a shell curled like a Ram's horn. A medium size egg-laying Snail. Very active and prolific. 25c for three; 75c per dozen; \$5 per 100.

RED OR CORAL SNAILS—Shells shaped like Black Ramshorn. A beautiful coral-red Snail. Perhaps the finest Snail for Aquarium use. Active, and prolific egg-layers. Why not raise a few in the pool for your Aquarium next winter? 50c for three; \$1.75 per dozen.

GEOGRAPHIC TURTLES—Tiny, interesting aquatic animals, with curious mosaic designs on upper and lower shells. Provide a board or rock on which they may sun themselves until the lily pads are large enough to hold them. 50c for four, \$1.25 per dozen.

TADPOLES—Young of the green pond frog before the legs have developed. Will in no way

injure fish or plants. Excellent for devouring decaying plant and other foreign matter, green scum, etc. 50c per dozen; \$3.00 per 100. Shipping cans, 50c each.

GREEN FROGS—Where there are lily pads, one expects to find green frogs. Interesting, and a good insect trap, too. 75c per pair; \$3 per dozen.

JAPANESE SALAMANDERS—Like the above but larger, with black backs and fiery-red vests. 50c for two; \$2.50 per dozen.

CLAMS or FRESH Water Mussels—Valuable in extracting the plant growth that turns pool or aquarium water green. They act as a filter, taking in large quantities of green water and ejecting it crystal clear. 25c for two; \$1.25 per dozen.

COLLECTIONS SMALL POOL

- 6 Japanese Snails
- 6 Tadpoles
- 2 Salamanders
- 6 Black Ramshorn Snails
- 2 Clams

Collection, with shipping can, \$2

POPULAR SIZE POOL

- 12 Tadpoles
- 12 Black Ramshorn Snails
- 6 Japanese Snails
- 4 Clams
- 4 Green Frogs
- 2 Salamanders

Collection, with shipping can, \$3.50

LARGE POOL

- 24 Tadpoles
- 24 Black Ramshorn Snails
- 6 Clams
- 6 Salamanders
- 12 Japanese Snails
- 6 Green Frogs

Collection, with shipping can, \$5

CONCRETE PAINT—A splendid Robin's-Egg Blue. We supply in quarts, half-gallons and gallons of specially prepared paint which not only preserves but beautifies a concrete pool. This paint will preserve the concrete, prevent small leaks, and is non-injurious for plants or fish. The color is especially prepared to enhance the appearance of clear water. A quart will cover 110 to 160 square feet of concrete with one coat—a gallon 450 to 550 square feet. Three or more coats should be applied to insure a permanent and wholly satisfactory finish. Per quart, \$1.50; per half-gallon, \$2.75; per gallon, \$5.00.

HOOSIER AQUATIC GARDENS

SADDLE RIVER, NEW JERSEY . . . MARTINSVILLE, INDIANA . . . HAMILTON, ONTARIO



Our huge hatcheries and nurseries with their subsidiary shipping points provide a continent-wide service to water gardeners—assuring an accurate, fast and satisfactory source of supply for all